MALIK AHMAD

Senior UI Developer with over 20 years of experience

malik199@gmail.com
Portfolio: visdevelop.com
Herndon, VA 20170
US Citizen

Experience

USA Silat Federation
Full Stack Engineer and Mobile Developer | Oct 2023 - Present

- Developed a user interface for a martial arts scoring application using Angular 17 and Typescript enhancing user interaction and functionality.
- Designed and published a Flutter application to both iOS and Google Play stores, expanding accessibility and user base.
- Implemented Node.js with Google Cloud Functions for database operations, optimizing data handling processes.
- Managed data storage and retrieval using NoSQL databases, specifically Firestore and Realtime Databases, ensuring efficient data flow.
- Developed UI screens for both web and mobile applications using Angular Material.
- Oversaw authentication and security protocols for both web and mobile applications, safeguarding user data and privacy.

LabCorp
Senior UI Software Engineer | Nov 2022 - Oct 2023

- Senior developer for the Periscope agent application, coding innovative features for enhanced user experience.
- Championed UI methodologies (Typescript, Angular, React, HTML, Javascript, CSS) and utilized Node Package Manager (npm) for package management, refining development processes and elevating code quality and delivery.
- Partnered with the design team, adeptly translating mockups into interactive, user-centric, and modern user interfaces.
- Authored comprehensive unit tests, ensuring top-tier code quality, minimizing regressions, and solidifying product stability.
- Forged strong relationships with backend teams; seamlessly integrated RESTful APIs, enriching frontend data flow and responsiveness.
- Mentored junior developers, imparting Angular best practices and fostering growth, while promoting the efficient use of Git and npm, thereby elevating team productivity.

GovCIO
Senior React UI Developer | Oct 2021 - July 2022

- Developed React/Redux application for United States Department of Veteran Affairs using React version 18.
- Coded new functionality using data from RESTful services (Swagger, AWS, Lambda, Axios, Promises, etc.) and crafted intricate JavaScript logic to handle data processing and rendering.
- Improved efficiency of UI components and refactored code using React version 18 (functional components and hooks).

Programming

Skill	Level
Angular	●●●●●
React / React Native	●●●●●
Redux	●●●●●
Git	●●●●●
JavaScript	●●●●●
CSS, HTML, DOM, AJAX	●●●●●
Bootstrap / USWDS Style	●●●●●
React Testing Libary / TDD	●●●●○
Flutter / Dart	●●●●○
SQL	●●●●○
REST APIs	●●●●○
DynamoDB & MongoDB	●●●○○
PostgreSQL	●●●●○
ASP.NET	●●○○○
Node.JS	●○○○○
AWS	●●○○○
Unit Testing (Enzyme / Jest)	●●●●○
Typescript	●●●●●

Tools

Skill	Level
VSCode	●●●●●
Eclipse	●●●●○
Firebase	●●●●○
JIRA	●●●●●
Lodash	●●●●●
GitHub / BitBucket	●●●●●
Photoshop	●●●●●
Illustrator	●●●●●
Adobe XD	●●●●○
After Effects	●●●●○
Wordpress	●●●●●

Concepts

Skill	Level
IOS & Android	●●●●○
Mobile Development	
UI & UX Principles	●●●●●
Object-oriented Programming	●●●●○
Browser Debugging	●●●●○
Roku Development	●●●○○

MALIK AHMAD

Senior UI Developer with over 20 years of experience

Experience *(continued)*

- Worked in a collaborative Agile team with cloud repository (GitHub / Bitbucket) using Git command-line, CI/CD pipeline, and JavaScript tooling for build and deployment processes.
- Wrote unit tests with React Testing Library, emphasizing JavaScript logic verification, and championed a push for Test-Driven Development (TDD).

Haystax - McLean, VA
Senior UI Developer | Feb 2021 - July 2021

- Design, develop and test web application using React (version 17), Redux, Javascript and MongoDB Cloud (Python backend).
- Migrated legacy AngularJS components to the React (v. 17) with hooks, functional components, etc.
- Maintained code in version-controlled cloud based repository (GitLab) using Git.
- Reviewed and approved teammates UI merge requests.
- Created UX mockups and implemented designs in React code.
- On mobile development team to migrate native apps to Flutter.

FEMA / Karsun / S2Alliance - Herndon, VA
Senior UI Developer | Sept 2019 - Dec 2020

- Developed **FEMA** application using React (version 17) / Redux, DynamoDB & PostGreSQL backend.
- Implemented new UI functionality using data from RESTful services and improved efficiency of React components.
- Improved and wrote unit tests (Enzyme / Jasmin) with high percent code coverage.
- Worked in a collaborative Agile team with cloud repositories (GitHub / Bitbucket) using Git command-line.
- Lead demos / presentations of new features to client.
- Full-stack experience with Camunda workflow and Java microservices (Spring Boot) framework.

Ventera - Reston, VA
Senior UI Developer | Jan 2019 - Sept 2019

- Developed and maintained **DHS** application using Angular 6 and Typescript
- Used UI tools such as Bootstrap to convert Invision design mockups to functioning Angular components
- Maintained code in version-controlled cloud based repository (GitHub) using Git command-line
- Worked with Agile team to begin transition to AWS cloud services

Accenture Federal Services, Chantilly, VA
Senior UI Developer | Dec 2014 - Dec 2018

- Developed and maintained code for **USPS** using Javascript, JSON, CSS, Dojo libraries and Web Services.
- Coded prototype applications using latest javascript libraries: Angular 2, React, Redux, Node.js, Bootstrap.

Education

Georgetown University
B.A. | June 1998

Languages

Arabic
Indonesian
Spanish

Training

- Brainshark Security Training Course "Commit to Confidentiality", 2021
- Certified Interscholastic Coach National Certification, 2019
- Nuttin'2it Technology institute - Web Development courses, June 2000
- NOVA Continuing Education – ASP. NET course, Sept 2004
- Human Factors International, Inc - Website Usability Basics course, March 2005

Leadership

- President of DeenTV Foundation, a non-profit 501(c)(3) media organization
- National Head Coach for USA Silat Federation, ranked #8 in the world
- International ambassador for State Department to Africa, Middle East and Asia (2009-2011) with group Native Deen
- Udemy instructor - Training for Tanding course (4.6 star rating)
- Head instructor for Silat Institute

Recognitions

Gold Year Award
Contributions to Martial Arts
John Chung World Cup - 2020

Communicator Gold Award
NASA / Aeronautics for X-15 Interactive Multimedia - *2010*

Communicator Silver Award
NASA / Aeronautics for X-15 Multimedia - *2010*

NASA/Indyne Peer Award
2006

MALIK AHMAD

Senior UI Developer with over 20 years of experience

Experience *(continued)*

- Created custom controllers for tracking user information using Javascript and saving it to database using REST.
- Supervised UI development for single page application and collaborated directly with backend team.
- Worked in an Agile-based team for timely releases and structured sprints, code reviews, etc.
- Assessed and refactored code for Section 508 compliancy and accessibility.

The Great Courses, Chantilly, VA
Front-End Developer | Nov 2011 - Dec 2014

- Developed and maintained code for 6 websites using ASP.NET, HTML, CSS3, JavaScript, JSON, JQuery, etc in Agile team.
- Worked in a .NET (Visual Studio) and responsible for loading product and pricing data to SQL Server (SQL, AdeptSQL Diff).
- Maintained mobile website and supported the development of IOS and Android apps using PhoneGap and Github.
- Oversaw the development and deployment of IOS and Android apps to Google Play, App Store and Kindle.
- Optimized pages using Webfonts, CSS3, HTML5, etc and implemented cross-browser compatibility and Responsive Web Design for eCommerce landing pages.
- Conducted brown-bag training sessions for entire team on upcoming technologies.

V!Studios, Arlington, VA
Senior Web & Multimedia Developer | June 2008 - Oct 2011

- Designed and developed Flash applications for **NASA** Educational Science Mission Directorate.
- In charge of all CSS design for the NASA-Science website.
- Developed Flash applications in Actionscript 2.0 & 3.0 and XML and edited Flex applications.
- Created wireframes and design concepts for user interface for web applications using Web 2.0.
- Troubleshoot problems with current Flash applications and Section 508 compliancy.
- Developed iPhone/iPad applications for IOS using Javascript, JQuery and HTML5.

Online Resources, Chantilly, VA
Senior Web & Multimedia Developer | June 2006 – May 2008

- Maintained and updated corporate website using ASP, CSS, ActionScript JavaScript, XML and XHTML.
- Designed and developed product tutorials and demos using Flash and JavaScript.
- Created landing pages, Flash-animations and custom html emails for marketing campaigns.
- Designed high-quality graphics for PowerPoint illustrations, web graphics and multimedia presentation.

Portfolio

VisDevelop.com

github.com/malik199