MK

MARIA KHAN

mariatechfuture@gmail.com | Portsmouth, NH 03801 | https://github.com/MariaKhantech

Summary

Ambitious Software Engineer with several years of experience in full stack development facilitating in cutting edge solutions in a wide range of engineering positions with a passion for innovation, teamwork, communication, and learning. I have knowledge and experience in a variety of mainstream and new technologies, including, but not limited to, React.JS, Node.JS, Express.JS, Next.JS, Sass, Bootstrap and Material UI. I am an extremely dedicated and hardworking professional highly driven to deliver exceptional user experiences through innovative design and seamless functionality. I have proven ability to bring new ideas to the group, support team members at all levels, and create a fun and productive work environment. I can also learn new technologies and skills quickly. Effective communicator with the ability to empathize with team members while understanding their needs. With strong technical goals with a high motivation to achieve them.

Skills

Full Stack Development

React, React Hooks, Redux, Next.js, Serverless, SWR, JavaScript, Node.js, Express, HTML, SCSS, CSS, Bootstrap, Material UI, GitHub, TypeORM, JSX/ES6, NextAuth, SQL, Restful APIs, Jest, React Testing Library, JSON

AWS & Microsoft

AWS Lambda, AWS IAM, AWS S3, AWS EC2, AWS CloudFormation, AWS CloudWatch, AWS Amplify, AWS CDK, Heap Analytics, Microsoft Azure OAuth2 and SAML, PingID Oauth2 and SAML

Other

Cyber Security, SVG, Agile Development, Jira, Postman, Testing and Deployment, Heroku, Terminal, Git, Bamboo CI/CD, In depth Authentication support, New Employee Mentoring

Experience

LIBERTY MUTUAL INSURANCE COMPANY | Portsmouth, NH
Associate Software Engineer
01/2021 - Current

Global Cyber Security:
Ensured global cyber security for Authentication in the company.
- Configured Microsoft Azure & PingID OAuth2 and SAML authentication for new and existing applications.
- Developed Python scripts to automate certification and secrets rotation in AWS.
- Contributed to AAT console development using React.
- Provided in-depth authentication support to the L2 support team, resolving incidents efficiently.
- Managed and collaborated on code using GitHub for private repositories.

Corporate Legal: Applications Compliance
Managed applications ensuring compliance for legal matters within the company.
- Created a serverless backend for QuickView using AWS Lambdas, reducing costs significantly.
- Developed scalable serverless applications using AWS CDK.
- Monitored QuickView application for bugs and performance using AWS CloudWatch.
- Converted Java Springboot application to Node.js for modernization and scalability.
- Utilized Restful APIs to exchange data and Material UI for a user-friendly interface.

- Used GitHub, BitBucket, and Bamboo to manage the code and automate the software development process
- Developed QuickView UI using HTML, CSS, and SASS for maintainability and scalability.

HelpHub: Employee Services Application
Developed and maintained applications for employee services and workflow management.
AWSM: Agent Workflow Optimization
An innovative application designed to streamline agent workflows and eliminate repetitive tasks.
- Utilized Next.js and SWR caching strategy to improve performance in the Agent Workstation Manager application.
- Developed applications using React, Redux, Material UI, Bootstrap, JavaScript, Node.js, and Express.
- Explored authentication options for the Next.js app, evaluating both NextAuth Azure and MSAL (Microsoft Authentication Library). Ultimately, opted for NextAuth due its simplified coding requirements.
- Used AWS CloudFormation to deploy the AWSM application plus AWS CloudWatch to monitor backend lambdas.
- Implemented comprehensive testing solutions using Jest and React Testing Library
- Heavily involved in the development of AWSM in the direction of, focusing on intuitive user interfaces and responsive designs, leading to an improvement in user satisfaction and engagement.
- Optimized API performance in both applications, significantly reducing response times and enhancing overall system efficiency.
- Ensured effective collaboration and version control by successfully managing repositories on GitHub and BitBucket in close collaboration with teammates.

ChatGPT/LibertyGPT: Development Optimization
Collaborated on optimizing development processes and enhancing performance.
- Streamlined test development processes, reducing completion time from days to hours.
- Improved debugging process, leading to quicker bug resolutions.
- Optimized front-end development tasks, reducing development time.
- Enhanced code quality and overall project performance using ChatGPT's capabilities.

Known Point Technologies | Portsmouth, NH
Intern Associate Software Engineer
09/2020 - 12/2020

- Developed and maintained user-facing webpages using HTML, CSS, React, and JavaScript.
- Designed and implemented interactive user interfaces for websites and applications.
- Created custom responsive designs that optimized the website layout for various devices.
- Debugged existing code to identify and fix bugs or performance issues.
- Ensured clean, valid HTML and CSS markup conforming to industry standards.
- Built automated test suites to ensure the quality of developed features.
- Performed usability testing on new features prior to release.
- Provided timely support during software releases by troubleshooting any issues encountered.

Green Tree mortgage servicing | Bedford, NH
Mortgage Specialist
06/2012 - 03/2015

- Consistency hitting quotas and goals given to me by management.
- Reviewed and prepared documents such as contracts, deeds, mortgages, leases and other legal documents.
- Work portfolio with millions of dollars' worth of customers and having the ability to have a low delinquent portfolio.

- Creating and managing programs to help customers such as re-payment programs, deferral, modification programs, short sales, and deed in Lui.
- Negotiate and collect on delinquent mortgage accounts.
- Worked well as a team lead to help fellow co-workers in need of assistance and help them achieve their goals. Help supervisors with fellow employees to help guide them to consistently hitting goals set by managers.
- Constantly problem solving with customers to help resolve problems to get accounts resolved.
- Motivated my team into succeeding. We had the best team in our department. Kept the energy going and helped the coworkers.

Education and Training

University of New Hampshire | Portsmouth, NH
Full Stack Web Development | Coding Certificate in Computer Programming, Vendor Certification
03/2020

Awards and Recognition

Project 1
- "Best Looking App" Professor planet
- "Awe-Inspiring App" Professor Planet
- "Most Creative use of APIs" Professor Planet
- "Best User Experience" Professor Planet

Project 2
- "Best User Experience" Gamer Evolution
- "Awe-Inspiring App" Gamer Evolution
- "Best Looking App" Gamer Evolution
- "Most Creative use of APIs" Gamer Evolution