Sagar Patil

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SUMMARY

Experienced Full-Stack Developer with over 4 years of expertise, demonstrating a proven track record in developing innovative applications such as Onship and Get My Slice. Proficient in JavaScript frameworks (Angular, Node.js) and MongoDB. Skilled in API integration and Agile project management, dedicated to enhancing product functionality and user experience.

EXPERIENCE

Product Engineer

FrontM Limited   **October 2021 - May 2023, UK, London, Holborn Viaduct**

· **Project:** I contributed to developing two crucial products: Onship, a secure communication and welfare app for seafarers, and T2M, an asset tracking and monitoring micro-app, both leveraging FrontM.js for optimal performance across diverse networks.
· Integrated the robust Loft video conferencing tool into Onship, enabling high-quality video meetings regardless of connectivity limitations, and fostering effective communication between crew members and onshore teams.
· Enhanced Onship's messaging system for rapid information exchange between ship and shore, boosting collaboration and response times for smooth operations.
· Integrated Kibana for real-time log monitoring, designing custom dashboards to track key performance metrics, and implementing automated alerts for proactive issue identification, minimizing downtime and maximizing user experience.

Full Stack Developer

Wandx Solutions (Chainflux) Private Limited   **September 2019 - October 2021, IN, KARNATAKA, Bengaluru**

· **Project:** Get My Slice. The project involves matching the brand's offering to what the user is looking for based on the user search data.
· Built a user-friendly Angular admin interface and powered it with a custom ElasticSearch query builder. This enhances brand management and delivers personalized search experiences for users.
· Implemented secure user authentication using Firebase Authentication and leveraged Firebase Cloud Functions. This pushes real-time notifications via Firebase Messaging, keeping users informed and engaged.
· Developed custom JavaScript and jQuery scripts to extract valuable insights from Google Activity data and seamlessly integrate them into the React Native app, fueling personalized user recommendations and enhanced functionality.
· Integrated AWS CloudWatch to log all requests and responses on the Node.js server.

Web Developer

MinersInc Technologies (The-Ally) Private Limited   **March 2018 - May 2019, IN, KARNATAKA, Bengaluru**

· **Project:** The Ally - Android/IOS Application. A decentralized blockchain-based OTT Platform.
· Collaboratively tackled complex web development challenges with senior developers. Managed project workflow to ensure smooth progress.
· Built interactive web applications for the internal team to manage and monitor movies that are uploaded to the The-Ally platform using HTML, JavaScript, and Angular. Expertise in front-end frameworks.
· Contributed to database modeling and project architecture discussions, demonstrating an understanding of application foundation.

EDUCATION

Master Of Science in Computer Science   **August 2023 - Present**
Minor in Computer Science · California State University, San Bernardino · 2025 · 3.9

Bachelor Of Engineering in Computer Science   **August 2014 - Jan 2018**
KLE Dr.M.S.Sheshgiri College of Engineering, Belagavi · 2018

SKILLS

Front-End Technologies: HTML, CSS, JavaScript, TypeScript, Bootstrap, Angular, React. Proficient in responsive design and lazy loading.

Back-End Technologies: Node.js, Express, MongoDB, Firebase, AWS Lambda. Experienced in building scalable and efficient server-side applications.

Courses/ Certifications: Complete Node.js Developer (Zero To Mastery Academy), Javascript: Advanced Concepts (Zero To Mastery Academy), Learning Docker (LinkedIn).