

# Aayush Moolchandani

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## Professional Summary

Senior Software Engineer with **5+ years** of experience building scalable, **data-intensive web and mobile applications** using **React, Angular, Nest.js, and React Native**. Proven expertise in designing modular architectures, optimizing performance, and leading cross-functional engineering efforts in Agile environments. Extensive experience with cloud-native systems (**AWS**), **CI/CD** pipelines, and automation. Strong focus on clean, maintainable code and translating business analytics into actionable product features.

## Key Skills

**Programming Languages:** JavaScript, TypeScript, SQL, HTML, CSS, Python

**Backend & APIs:** NestJS, RESTful APIs, GraphQL

**Tools & Platforms:** Git, GitHub, Webpack, Docker, Jenkins, Jest, Cypress

**Frontend Frameworks:** React.js, Next.js, Angular, Redux, React Native

**Cloud & DevOps:** AWS (S3, EC2, Docker), CI/CD

**Other:** System Design, Agile/Scrum, Performance Optimization, Lighthouse, Core Web Vitals, Sentry

## Work Experience

**Senior Software Developer (Team Lead), The Feast, Malaysia (hybrid)**

**Mar 2020 – Present**

- **Refactored legacy monolith** into modular React + Next.js architecture, improving code maintainability and team efficiency.
- **Led frontend engineering team**; conducted 1-on-1 mentorships, enforced code quality standards, and drove sprint planning.
- **Implementing CI CD pipelines** and adoption with AWS. Accelerated deployment cycles by 30%.
- **Bundle-Size Reduction** - Championed web vitals and Lighthouse score improvements, boosting SEO and load performance by 3x
- **Printer Problem:** Resolved missprints on the client side by identifying the root cause through logs and extensive debugging, alleviating chaos among stakeholders.
- **Cross-Browser Debugging:**
  - **iOS Web View Issue:** Resolved session loss caused by iOS inbuilt web views failing to persist scanner data during navigation or when removed from recent apps. Implemented a workaround using screen and window dimensions to detect iOS web views and notify users, as no APIs were available to address this.
  - **Pre-rendering Issue:** Fixed a session data loss issue during browser pre-rendering by adding document.visibilityState to the dependency array of useEffect, ensuring session data storage occurred when the page became visible.
- **Overall Contributions:** Transitioned from a React.js developer to contributing across multiple domains, including Angular.js, Nest.js, and PHP, successfully executing and deploying projects to production despite initial unfamiliarity. Integrated complex **REST and GraphQL APIs** with robust state management using Redux and custom hooks.
- Transitioned from React-only development to working across **Angular, NestJS microservices**
- **Led code reviews**, mentored junior developers, and drove engineering culture focused on testability

**Software Developer, Accenture, India (Remote)**

**Sep 2019 – Mar 2020**

- Developed and integrated scalable REST APIs and dynamic UI components for multiple internal apps.
- Established GitHub-based CI/CD pipelines for various teams, improving deployment consistency.

## Projects

**Food Court Order System, Current Company project**

- Created a real-time order dashboard using React and WebSockets.
- Integrated QR-code-based ordering and a vendor POS system using NestJS.

**IP Auto-Discovery System (React Native), Current Company project**

- Developed an offline-first app using Realm and SQLite for device IP syncing in a master-slave architecture.
- Enabled persistent local caching and seamless network sync.

**Study Platform (React, Vite, TypeScript) , - [Live Demo](#)**

- Built an interactive study platform with categorized coding questions by difficulty and topic.
- Designed a clean, responsive navigation system with dynamic question details.

## Certification

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Full Stack Web Development

Python Programming

Machine Learning

## Competition and Awards

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### Easyeat Hackathon Winner

**Description:** Won the EasyEat company hackathon by developing a referral program allowing users to refer friends and family for discounts on orders. Utilized React and Angular to build the application, despite limited familiarity with Angular. Demonstrated exceptional dedication by working over 24 hours straight, resulting in a first-place finish and winning a JBL speaker. The project showcased innovation, technical skills, and collaboration.

### Easyeat Impact Award

**Description:** Designed and delivered a customer settlement module within one week of joining, despite having no prior experience with Angular. Proactively learned the framework, built and deployed the solution with zero reported bugs, and received an internal Impact Award for exceptional ownership and rapid execution. and won a prize of **10,000 rupees**.

### Mr. Buginator

**Description:** Awarded the title "Mr. Buginator" for resolving 23 bugs in just 3 days, demonstrating exceptional problem-solving skills and dedication.

## Education

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- **Bachelor of Technology in Information Technology, IP University**, CGPA: 8.2

**Aug 2016– Aug 2020**