

# APOORV SAXENA

Software Engineer

Noida, Uttar Pradesh, India | +91 8577880467

[pannu5272@gmail.com](mailto:pannu5272@gmail.com) | [LinkedIn](#) | [Portfolio](#)

## PROFESSIONAL SUMMARY

Software Engineer with 3+ years of experience building scalable MERN stack applications, real-time systems, and cloud-native microservices. Strong expertise in Node.js, React, MongoDB, Socket.io, and AWS, with hands-on experience delivering production-grade solutions for large platforms including ONDC (Government of India) and American Express. Proven ability to design high-performance APIs, optimize system reliability, and ship features in fast-paced Agile environments.

## SKILLS

<b>Frontend</b>	React, Redux Toolkit, React Query, React Hook Form, ChartJs, Plotly, D3.js
<b>Backend</b>	Node.js, Express.js, REST APIs, Socket.io
<b>Database</b>	MongoDB, NoSQL, Redis (In-Memory)
<b>DevOps &amp; Cloud</b>	AWS (EC2, S3, Lambda, SES, SQS), Docker, GitLab CI/CD, Nginx
<b>Tools &amp; Platforms</b>	Git, Stripe, Razorpay, Paypal Twilio, Google APIs, OpenAI
<b>Architecture</b>	Microservices, Asynchronous APIs

## WORK EXPERIENCE

### Software Engineer

August 2024 – Present

RipenApps Technologies, Noida

- Led development of a scalable full-stack chat application with real-time messaging using Socket.io.
- Designed and optimized high-performance backend APIs, improving message delivery latency by ~35%
- Enhanced system performance using advanced queries and data-fetching strategies.

### Software Engineer

April 2024 - August 2024

Wits Innovation Lab, Mohali

- Worked on the ONDC (Open Network for Digital Commerce) initiative, a Government of India project aimed at democratizing digital commerce.
- Implemented ONDC-compliant APIs following the Beckn Protocol to support open and interoperable logistics and commerce systems.
- Built and maintained asynchronous APIs to manage high-throughput e-commerce logistics operations.

### Associate Software Engineer

September 2022 - March 2024

Relinns Technologies, Mohali

- Led and managed a cross-functional team including both frontend and backend developers.
- Designed and deployed microservices with GitLab CI/CD and AWS (EC2, S3, Lambda, SES, SQS).
- Integrated third-party services like Stripe, Google APIs, Twilio, and Google Maps into cloud-based systems.
- Built reusable UI components and efficient forms using React Hook Form and React Query.
- Developed real-time features using Socket.io and data visualizations using ChartJs, Plotly, and D3.js.

Project: AIOps Platform for American Express (Contract via Infosys)

- Contracted to Infosys through Relinns to lead anomaly detection initiative at American Express.
- Built and deployed microservices for real-time anomaly data analysis across distributed servers.
- Utilized Docker for container orchestration, enabling scalable and secure deployment.

## Software Engineer Intern

February 2022 - August 2022

Relinns Technologies, Mohali

- Built dynamic data visualization modules using Plotly and D3.js.
- Created reusable components and forms with React hooks and React Hook Form.

## PROJECTS

---

### BotPenguin (SaaS Chatbot Builder)

- Served 50K+ users with a canvas-based bot flow UI and real-time messaging.
- Integrated localization and anomaly analytics for performance insights
- Worked with cross-functional teams to ensure seamless integration and functionality.

### ATS (Applicant Tracking System)

- Built a scalable MERN stack ATS with AWS (EC2, S3, Lambda), React Query, and Nginx.
- Reduced API call redundancy by 50%.

### LogicalChat (Community Chat App)

- Developed and deployed a cross-platform community application available on iOS, Android, and web.
- Implemented features like one-to-one chat, group messaging, real-time media sharing using Socket.io.
- Architected scalable backend services and chat infrastructure with MERN stack.
- Integrated notifications, user moderation, and content reporting system.

### Ebease – Multi-Vendor E-commerce Platform

- Built a scalable multi-vendor e-commerce platform using the MERN stack
- Implemented order, return, refund, and vendor payout workflows
- Designed a transaction-safe ledger system handling commissions, shipping, tax, coupons, and refunds
- Integrated secure payment processing (Stripe/Razorpay) and deployed on AWS with Nginx

## EDUCATION

---

### Bachelor of Science in Computer Science

Dr. A. P. J. Abdul Kalam Technical University, Lucknow

- Obtained 7.8 CGPA out of 10.0 CGPA

July 2018 - June 2022