

Subrat Sethi

Bengaluru, India | ☎ +91 63722 69905 | ✉ subratsethi501@gmail.com

🌐 [linkedin.com/in/subrat-s-941b17217](https://www.linkedin.com/in/subrat-s-941b17217) | 🏠 github.com/Subrat-IO

PROFESSIONAL SUMMARY

Software Engineer with production experience building and maintaining full-stack web applications using React, Next.js, Node.js, and PHP. Skilled in REST API integration, relational database design, and Linux-based deployment, with hands-on ownership of features used by real users in live production environments. Collaborates closely with backend and infrastructure engineers to ship and support production systems, including a live judge-scoring platform used at state-level competitions. Currently strengthening backend engineering skills in Java Spring Boot, alongside data structures, algorithms, and system design fundamentals.

TECHNICAL SKILLS

Programming Languages: JavaScript (ES6+), TypeScript, Java, SQL, HTML5, CSS3

Frontend: React.js, Next.js, Angular, Redux Toolkit, Tailwind CSS, Material UI

Backend & Architecture: Node.js, Express.js, Java Spring Boot (Learning), Laravel (PHP), REST APIs, System Design Fundamentals

Databases: MySQL, PostgreSQL, MongoDB, Redis

Cloud & DevOps: Docker (Fundamentals), NGINX, PM2, Git, GitHub, Linux Server Administration, Deployment

Security & Auth: JWT, Role-Based Access Control (RBAC), SSL/TLS, DNS Configuration

Tools: Postman, Jest, WebSockets, SMTP Integration

PROFESSIONAL EXPERIENCE

Senior Software Engineer — Verbattle Foundation

Jul 2026 – Present

Bengaluru, India • On-site

- Develop and maintain features for the Verbattle Digital Competition Platform, a production system used to run live, state-level debate and speech competitions.
- Configured hosting, domain, DNS, and SSL on Linux servers, and fixed live production issues to keep competition software running during active events.
- Provide on-site engineering support during state-level events, fixing production issues live to keep judge-scoring uninterrupted during government-attended competitions.

Software Engineer — Iceberg Technologies

Jan 2026 – Jun 2026

Puducherry, India • On-site

- Developed core features of the Judge Marking System and Admin Portal for the Verbattle platform, including registration, role-based access, and dynamic scoring forms used by judges and organizers.
- Designed MySQL schemas and automated SMTP-based email notifications to support real-time scoring and result delivery for state-level competitions.
- Integrate and maintain REST APIs across React.js, Next.js, Node.js, and Java Spring Boot services, working to keep the platform stable under real-time competition load.
- Collaborated with event organizers and judges to translate their requirements into scalable frontend and backend features.

Full Stack Developer — AdSquare Tech Solutions

Nov 2025 – Jan 2026

Bengaluru, India • Hybrid

- Built real-time dashboards in React.js and Node.js to give internal teams live visibility into data that was previously tracked manually.
- Implemented JWT authentication and role-based access control to secure dashboard access across user roles.
- Profiled and optimized frontend rendering paths, cutting Time-to-Interactive (TTI) by 25% on data-heavy views.

- Built backend transaction systems in PHP and MySQL to reliably handle concurrent purchase and scheme activity without data conflicts.
- Implemented automated backup systems to protect transactional and scheme data against loss.

SELECTED PROJECTS

Verbattle Digital Competition Platform

React.js • Node.js • PHP • MySQL

- Developed and maintained features for a production competition platform used to run live, state-level debate and speech tournaments, replacing manual, paper-based judging.
- Built core parts of the Judge Marking System, including digital score calculation logic, reducing result compilation time from hours to minutes across multi-round events.
- Contributed to the Admin Portal used by organizers to manage registrations, rounds, and judges across events with thousands of participants.
- Provided on-site engineering support and fixed production issues during government-attended, state-level competitions to keep judge-scoring uninterrupted.

Bus Ticket Booking System (BTBS) & Admin Portal

Next.js • Spring Boot API Integration • MySQL

- Built the Next.js frontend for a bus booking platform, covering search, seat selection, and end-to-end reservation workflows.
- Integrated REST APIs from a Spring Boot backend built by a senior engineer, connecting booking, authentication, and seat-availability endpoints to the frontend.
- Collaborated with the backend developer to align API contracts and resolve data-consistency issues during concurrent booking scenarios.
- Built a role-based admin panel for managing buses, routes, users, and permissions, consuming the backend's REST APIs.

Mobile Service Center ERP

React.js • Next.js • Node.js • PHP • MySQL

- Designed a service-lifecycle tracking system to move device repair status off spreadsheets and into a structured, auditable workflow.
- Built separate customer and technician portals, giving customers live repair status visibility and technicians a structured job queue.
- Implemented a repair-workflow engine with defined status transitions (received, diagnosed, in-repair, ready, delivered) to reduce miscommunication on job status.
- Built an invoice management module to generate and track service invoices tied directly to completed repair records.

Jewellery ERP & E-Commerce Platform

Next.js • Node.js • PHP • MySQL

- Built a combined ERP and storefront system to unify inventory, customer records, and online ordering under one backend.
- Designed inventory and customer management modules to give the business a single source of truth across in-store and online sales.
- Implemented a scheme-based savings purchase system (monthly plans, savings schemes) with backend logic to track contributions and maturity over time.
- Built secure order and payment processing APIs with a responsive storefront UI across desktop and mobile.

EDUCATION

Gandhi Engineering College, Bhubaneswar, India

Bachelor of Technology in Computer Science & Engineering — CGPA: 8.5/10

2020 – 2024