

ADITYA VERMA

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EDUCATION

B.Tech in Information Technology, IIT Allahabad 2020 - Expected 2024
Cumulative GPA: 8.67

11th to 12th, Navyug Senior Sc School, New Delhi 2018 - 2020
CBSE Board XII Percentage: 92.8

NC to 10th, Hartmann College, Bareilly 2008 - 2018
ICSE Board X Percentage: 95.2

SKILLS

Programming Languages	JavaScript, Go, C, C++, Java, Python, Rust
FrameWorks	Node.JS, Django, ReactJS, Angular, SpringBoot
Utilities & DBs	MongoDB, Clickhouse, SQL, Bash, Git, NSQ, Badger

EXPERIENCE

Software Engineering Intern Jan 2024 - Present
SendX *Remote*

- Boosted CPaaS SMS platform performance by architecting a Go backend with efficient queuing and worker pools, enhancing deliverability and efficiency.
- Engineered suppression lists, rate limiting, and dynamic number pool sending, significantly improving platform reliability and user control.
- Conducted comprehensive load testing for up to 1 million users utilizing k6, employed ClickHouse for efficient event storage, and leveraged Grafana for performance monitoring, achieving significant system optimization.

Project Intern May 2023 - July 2023
Oracle *Remote*

- Enhanced Oracle's Release Condition Service microservice resiliency, improving release checks before production and optimizing deployment across availability domains with a new Java-based condition.
- Collaborated with the React.js team to seamlessly integrate essential metadata for new conditions, accelerated project delivery timelines by 2 weeks, significantly enhancing team productivity and system adaptability.
- Implemented advanced caching strategies, achieving a 35% performance uplift through reduced latency, directly contributing to a more robust and efficient service delivery framework.

Full Stack Web Developer Intern May 2022 - July 2022
Social3 *Remote*

- Developed and integrated multiple API endpoints with React.js and Node.js, enhancing user interface responsiveness through efficient data display and CRUD operations.
- Improved database management and system reliability by leveraging Node.js with PostgreSQL and Sequelize ORM.

PROJECTS

GeekChat. Created an open-source web-based bidirectional communication service for users to enter or create rooms and chat with others. Developed using Node.js, Express, and the Socket.io library for handling user logins and live bidirectional communication. Actively maintained the repository with 545 commits, 89 contributors, and 209 closed PRs during the Opencode'21 Event! ([Try it here](#))