

SHIKHAR GUPTA

+91 7015420536 | shikhargupta013@gmail.com | linkedin.com/in/shikhar-gupta-in | github.com/shikhargupta-in

PROFILE

Results-driven Software Engineer with 2.5+ years of experience designing and developing scalable backend systems using Node.js and Python. Adept at building high-performance, customer-focused enterprise solutions that improve reliability and drive measurable impact.

EXPERIENCE

Software Development Engineer (SDE-2)

Real Time Data Services Pvt. Ltd.

Ace Cloud – Cloud Solutions

NestJS, TypeScript, Python, Flask, MongoDB, MySQL

- Led the design and optimization of backend microservices using NestJS and MySQL, enhancing system scalability and reliability.
- Architected new billing workflows and data pipelines for large-scale customers, ensuring high availability and fault tolerance.
- Mentored junior developers and improved code quality through rigorous reviews and performance tuning initiatives.

Software Development Engineer (SDE-1)

Real Time Data Services Pvt. Ltd.

Ace Cloud – Cloud Solutions

NestJS, TypeScript, Python, Flask, MongoDB, MySQL

- Implemented prepaid and postpaid billing systems, spearheading wallet creation and Python (Flask) cron jobs for automated billing processes.
- Developed and optimized backend services using NestJS with MySQL and MongoDB; improved query efficiency through indexing and optimized joins, reducing API response latency by 20%.
- Integrated a robust mail service with dynamic templates using Handlebars.js for streamlined customer communication.

Ace Shield – SIEM

AdonisJS, TypeScript, PowerShell, MongoDB

- Integrated Zoho Desk for case management, optimizing incident response workflows and reducing manual resolution time.
- Developed a PowerShell-based one-click deployment tool for SIEM agents across 1,000+ Windows devices, significantly improving deployment efficiency.
- Integrated Wazuh and OpenSearch APIs for advanced anomaly detection, and automated S3 data storage/retrieval using AWS SDK.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, C++, PowerShell, HTML/CSS

Frameworks: NestJS (Node.js), AdonisJS (Node.js), Flask (Python)

Databases: MySQL, MongoDB

Developer Tools: Git, GitHub, Bitbucket, Postman, AWS CodeCommit, JIRA, Confluence, Cursor AI

Concepts: System Design, RESTful APIs, Scalable Architecture, Agile Methodology, Clean Code

EDUCATION

Jaypee Institute of Information Technology

Noida, Uttar Pradesh

Bachelor of Technology in Computer Science

Aug. 2019 – May 2023

CGPA: 7.9

VOLUNTEER EXPERIENCE

Google Developer Student Club – Core Team Member

Sept. 2019 – Aug. 2021

Jaypee Institute of Information Technology

Noida, Uttar Pradesh

- Organized technical workshops and hackathons to foster a developer community on campus.
- Collaborated with a 10+ member core team to host events on Google technologies and open-source tools.