

Prakhar Gupta

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Skills

Skills: JavaScript, TypeScript, React, Next.js, Node.js, Express, MongoDB, PostgreSQL, Redux Toolkit, JWT, OAuth2, Firebase, GraphQL, REST APIs

Tools & Technologies: Docker, Kubernetes, AWS (EC2, S3, Lambda, API Gateway, RDS, DynamoDB), Terraform, GitHub Actions, Prometheus, CloudWatch, Jest, Postman, Swagger, Vercel, Netlify

Experience

Senior Software Engineer, Accolite Digital – Gurugram, HR September 2021 – Present

- Developed and maintained a multi-platform database performance monitoring web application with desktop installer using **Java, C, C#** and **.NET** with Javascript component library **Sencha**
- Created **test cases** and performed smoke testing using **TestRail** across platforms **Linux, AIX, and SPARC**, reducing setup-related errors by 25%.
- Refactored and removed legacy support for **vCenter, DB2, and Sybase**, reducing application size by **15%** and improving startup time.
- Led **IPv6 migration** across core modules in (Java, C#, C), ensuring **100%** compliance and protocol compatibility.

Application Support Engineer, Cvent – Gurugram, HR June 2021 – September 2021

- Provided day-to-day **application support**, resolved **20+** tickets weekly and helped maintain system **stability** and **reliability**.
- Monitored performance using **Datadog**, supported regular maintenance, and participated in **incident response** to reduce downtime.
- Worked closely with **development** and **QA teams** to log bugs, test fixes, and support **production deployments**.
- Wrote and optimized **SQL queries**, worked with **Couchbase**, and handled message queues using **RabbitMQ**.

Education

Galgotia's University, B.Tech in Computer Science, **GPA: 8.1** May 2021

XII CBSE, Hope Hall Foundation, DELHI **PER: 84** May 2017

X ICSE, St. George's College, AGRA **PER: 90** June 2014

Projects

Political Manifesto Verifier (LLM-Powered Civic Tech)

- Built an AI-driven platform to analyze and verify political manifestos against real-world outcomes.
- Scraped news and budget data to match **promises vs delivery**, and auto-tagged topics like employment and rural welfare.
- Developed an interactive dashboard to help citizens make informed voting decisions.
- Tools Used: **MERN Stack LLM APIs (OpenAI), Web Scraping, Cloud Deployment**

AI Mock Interview Platform (WebRTC + LLM)

- Developed a WebRTC-based platform for automated mock interviews.
- Simulated real-time interview scenarios using AI to generate questions, evaluate responses, and provide personalized feedback.
- Designed to help candidates prepare for tech interviews independently
- Tools Used: **React, Node.js, WebRTC, LLM APIs, MongoDB, Socket.io**

Leave Management System (CRUD Web App)

- Built a role-based web application for employees to apply for leaves and managers to approve or reject them.
- Implemented features like user registration, leave tracking, status updates, and email notifications.
- Designed responsive UI and integrated secure authentication with JWT
- Tools Used: **React, Node.js, Express, MongoDB, JWT Auth, Tailwind CSS**