

# PULKIT

New Delhi, India

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## EDUCATION

### Bachelor of Technology in Computer Science

Dronacharya College of Engineering

Gurugram, Haryana, India

Oct. 2022 – Present

## EXPERIENCE

### Software Engineer

*MagicAPI*

Feb. 2025 - Present

Remote, San Francisco, CA, USA

- Built ETL pipeline using BullMQ workers on Kubernetes to convert traces into datasets, with Redis handling async background jobs.
- Led AWS migration from OVHCloud - set up EKS clusters, ECR for images, S3 for storage, CodeBuild CI/CD, WAF, and IAM access within VPC.
- Built traces UI for debugging agent runs (timeline, flow graphs, filters) and datasets UI for evaluating AI agents.
- Built voucher/credit system on API.market distributing \$5.7K+ with support for targeted (email-specific) and public (limit-based) campaigns.
- Developed wallet system on API.market processing \$26K+ in transactions (8,700+ operations, 670+ users) with real-time balance deduction for API usage.

### Software Engineer

*CrowdVolt (YC W24)*

Feb. 2025 - March 2025

Remote, NYC

- Set up ESLint and Prettier configs to enforce coding standards across the codebase.
- Improved site performance using lazy loading, code splitting, and asset optimization for faster load times.
- Fixed critical bugs affecting user experience and platform stability.

### Full Stack Engineer Intern

*Datawavelabs*

April 2024 - Sept. 2024

Remote, India

- Built authentication system with JWT tokens, Google OAuth sign-in, and role-based access control.
- Created multi-cloud integration(AWS, Azure etc.) for so users could manage all cloud resources from one dashboard.
- Set up automated Docker container deployment with real-time status updates using Event Source.

## TECHNICAL PROJECTS

- **Devolympus Hackathon Platform** | *NextJS, PostgreSQL, GCP, OAuth 2.0* April 2024
  - Built hackathon management system handling 350+ registrations and 80 teams, cutting admin work by 80%.
  - Added Google OAuth login, built REST APIs for team registration, payment management, and document uploads to GCP Storage.
  - Created admin dashboard with role-based access and PostgreSQL/Prisma backend for managing applications, teams, payments, and sending bulk emails.
- **Deployit** | *NextJS, Docker, Redis, EC2, Shell Scripting* August 2024
  - Built deployment platform where users can deploy repos via custom slug URLs with automated build pipelines.
  - Used Redis for deployment queues, shell scripts for builds, and CloudFront CDN for serving static assets.
  - Set up reverse proxy with Nginx to route traffic to deployed containers based on custom slugs.

## TECHNICAL SKILLS

- **Languages & Core:** TypeScript, JavaScript, Python, C++, SQL, Node.js, Express.js, Hono, FastAPI
- **Frontend & UI:** NextJS, React.js, Tailwind CSS, Shadcn/ui, Redux, HTML5, CSS3
- **Infrastructure:** Docker, Kubernetes, AWS (EKS, EC2, S3, ECR, CodeBuild, WAF), Azure, GCP, GitHub Actions
- **Databases:** PostgreSQL, MongoDB, Redis, Elasticsearch
- **Tools:** Git, BullMQ, Prisma ORM, JWT, OAuth 2.0, REST, GraphQL

## LEADERSHIP & ACHIEVEMENTS

- **Chairperson, Deviators Coding Club (2024-2025):** Founded and led an independent college coding club. Organized workshops, tech events, and a 36-hour hackathon with 350+ participants.
- **ICPC Amritapuri 2023 Regionalist:** Qualified for the regional round of the global programming competition.
- **Gurugram University Ideathon Winner:** Secured first place for AI-driven travel solutions, awarded by the Chief Minister of Haryana.