

# MITHUN V K

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## PROFESSIONAL SUMMARY

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Computer Science graduate (2025) with strong skills in full-stack development, system design, and applied AI. Built distributed platforms and user-centric applications across commerce, analytics, and cloud services. Seeking an Application Engineer role at Google to contribute to product excellence and engineering innovation at scale.

## TECHNICAL SKILLS

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**Languages:** Python, JavaScript, Java, C++, SQL

**Frameworks:** Node.js, React, Express, Spring Boot, React Native

**Databases:** MongoDB, MySQL, Redis

**Cloud and Tools:** Docker, Firebase, Google Cloud, Git, CI/CD (GitHub Actions), Postman

**AI and ML:** Scikit-learn, Pandas, NumPy, GPT APIs, NLP

## EDUCATION

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### Anna University, Chennai - B.E. Computer Science and Engineering

Graduated: 2025 | GPA: 8.3

## PROJECTS

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### Zypfit: Quick Commerce Platform | Real-time logistics engine

- Built geospatial dispatch and delivery logic using Redis and WebSockets; optimized courier routing within 100 ms latency.
- Structured app communication via REST APIs and event streams across three mobile clients in a monorepo.
- Employed modular service architecture with database sharding and dynamic load management.

### Grocelt: Hyperlocal Grocery Delivery | Community-focused platform

- Engineered location-restricted ordering system with shared wallet and BNPL modules.
- Designed Firestore-triggered background jobs for subscriptions, delivery state sync, and smart deals.

### AI Resume Optimizer | GPT-enhanced product

- Integrated GPT and spaCy into resume rewriting workflow; enhanced ATS match for over 100 users.

### P2P GPU Sharing System | Distributed compute prototype

- Built dockerized compute nodes with queue-based task assignment and integrity checks.

### Stock Analysis System

- Trained and evaluated predictive models on market data using XGBoost and SVM with 72% classification accuracy.

## EXPERIENCE

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### Business Analyst Intern - Cognifyz Technologies (Remote, Jul to Aug 2025)

- Used NLP for feedback mining and integrated insights into internal product dashboards.
- Applied Pandas and Scikit-learn to develop early-stage product analytics pipelines.

### Digital Marketing Intern - CodTech Solutions (Remote, May to Jun 2025)

- Automated outreach campaigns that delivered 150+ qualified leads through Google and Meta Ads APIs.
- Created performance dashboards and improved campaign conversion by 28%.

## CERTIFICATIONS

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- Prompt Engineering - OpenAI

- Deep Learning Specialization - Coursera

- Data Structures and Algorithms - Coding Ninjas

## ACHIEVEMENTS

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- Secured 2nd place out of 120 teams in StartupTN Ideablitz; awarded seed grant of INR 50000.
- Certified in Database Management Systems on HackerRank.

## LINKS

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Zypfit: [github.com/mithunvk/zypfit](https://github.com/mithunvk/zypfit) | Grocelt: [github.com/mithunvk/groceit](https://github.com/mithunvk/groceit) | Stock Predictor: [github.com/mithunvk/stock-predictor](https://github.com/mithunvk/stock-predictor) | Resume AI: [github.com/mithunvk/resume-ai](https://github.com/mithunvk/resume-ai)