Mayank Kumar Gupta

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SUMMARY

I'm passionate about AI and entrepreneurship, driven to create innovative solutions that harness technology and automation to save time and enhance efficiency. With an engineering degree, I have a strong foundation in technical principles, driving me to innovate and enhance industries through advanced technologies. I believe AI can transform industries. I aim to create advancements that enhance operational efficiency and drive innovation.

EXPERIENCE

Chief Technology Officer (CTO)

Smarter.Codes   **Dec, 2021 - Present**

Successfully manage the development of 20+ products. Mentoring team of 20+ passionate engineers and building strong engineering culture within the team. Managed tech onboarding and custom development of 100+ enterprises

Program Manager

Smarter.Codes   **Feb, 2020 - Dec, 2021**

Led a team of 10+ developers across multiple projects. Managed program's strategy and objectives, organized project milestones, tracked their progress and ensured positive health status.

Full-Stack Engineer

Smarter.Codes   **Jun, 2019 - Feb, 2020**

Software development for projects spanning multiple micro services, determining technology stack, planning architecture diagram, creating application, and managing deployments for the production.

International Intern

Auckland University of Technology, New Zealand   **Mar, 2019 - Apr, 2019**

Under guidance of Dr David White, developed a lumped mathematical model with GUI for accounting nitric oxide (NO) discharge.

Research Intern

Indian Institute of Technology, Madras   **May, 2018 - Jul, 2018**

Under guidance of Prof. Gandham Phanikumar, performed simulation in Simufact Additive for materials with varying density profiles.

Research Intern

Indian Institute of Technology, Madras   **Apr, 2017 - Jun, 2017**

Under guidance of Dr. Balaganesan G, worked on life cycle analysis during manufacturing of polymer matrix composites.

EDUCATION

Bachelor of Technology (B.Tech), Mechanical Engineering

Indian Institute of Technology, Palakkad   **Aug, 2015 - Aug, 2019**

SKILLS

Skills: AI/ML Development, AI Ethics, App Development, Cloud Architecture, NLG (Natural Language Generation), Big Data, Computer Vision, RPA (Robotic Process Automation), Web Crawling

Stacks: Flutter, FastAPI, React.js, Flask, Express.js, RESTful APIs, PyTorch, TensorFlow, GraphQL

Tools: Git, VSCode, Docker, Terraform, CI/CD Pipelines, GCP, AWS, Kubernetes, Jenkins