

# MUSTAFA AZAD

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## EXPERIENCE

### Techype

*Software Engineer*

Remote, India

January 2025 - Present

- Spearheaded the development of a job board platform integrating OCR and Claude AI for resume parsing, achieving 95% accuracy in data extraction and structured JSON generation.
- Built custom in-app video conferencing by integrating Zoom SDK, reducing integration costs by 30%, decreasing call setup time by 45%, and increasing user session duration by 25%.
- Created an AI-powered text review feature that increased document editing efficiency by 40%, reduced error rates by 35%, using Convex and Next.js with context-sensitive toolbar functionality.

### Dice

*Software Developer*

Pune, India

August 2024 - January 2025

- Engineered a complex workflow system processing HRMS/ERP integration data using linked list structures, improving data processing efficiency by 35%.
- Containerized integration projects using Docker and implemented GitLab CI/CD pipelines, reducing deployment time by 40% and ensuring consistent version control across environments.
- Led backend architecture of Rabbit MQ for ASYNC system and handled multiple integration requests.

### AgriVision4U

*Full-Stack Developer*

Remote, India

June 2024 - August 2024

- Built scalable backend architecture for freathers.com using Nest.js with TypeScript, integrating Cloudinary for optimized CDN management and improving media loading times by 30%.
- Developed comprehensive real-time chat service and location-based mapping functionality for posts and businesses, increasing user engagement by 45% and local discovery by 25%.

### Perusal.in

*Backend Developer*

Remote, India

November 2023 - March 2024

- Produced role-based authentication system with custom and social logins (Google, Outlook) and created real-time video chat functionality using Nest.js APIs, reducing communication latency by 20%.
- Implemented interview scheduling system with Google Calendar integration and redesigned email APIs for recruiters, streamlining workflow efficiency by 40% and increasing delivery success rates by 25%.
- Architected and deployed microservices infrastructure that improved system scalability by 60% and enabled faster feature deployment through independent service updates.

## PROJECTS

### Neural Knights

*Python, Typescript, Javascript, Flask, TailwindCSS* [nknights.vercel.app](#)  
An interactive platform for teachers and students, incorporating gamified learning modules; increased student engagement by 40% and improved overall course completion rates by 25%.

### SnapSyntax

*Typescript, PrismaORM, Next.js, React.js, PostgreSQL* [snapsyntax.vercel.app](#)  
A code snippets generation and collaboration platform used to create engaging social media type snippets, enhancing user engagement by 35% and increasing reach by 20%.

### PDF Chat Application

*Langchain, FastAPI* [github.com/mustafaazad03/fast-API-backend-AI-Planet](#)  
It allows users to upload PDFs, ask questions about the content, retrieve chat history, and delete PDFs. The backend leverages various services, including Supabase for storage and Langchain for NLP.

## AWARDS & EXTRA CURRICULAR

### Runner-Up Intel One API Hackathon

Intel India Corporation

Competed against 400+ teams in this National Hackathon by crafting a student learning platform. July 2023

## SKILLS

Backend: Nest.js, Flask, FastAPI, Express.js, Node.js, Typescript, Python

DevOps: AWS ( IAM service, S3 Bucket, EC2 Instance, Elastic Bean Stack ), Google Cloud

Databases: PostgreSQL, MongoDB, MySQL

## EDUCATION

### IET-DAVV, Indore

Indore, India

Bachelor of Engineering Computer Science and Engineering *GPA: 8.1*

2021 - 2025