Pratyay Amrit
Software Engineer

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SUMMARY

Software developer who builds full-stack web and mobile applications, currently leading development teams at Deloitte while independently developing an AI-powered application. I thrive on learning new technologies and solving complex technical challenges.

EXPERIENCE

Senior Consultant
Deloitte   08/2018 - Present   Mumbai, Maharashtra, India

Led technical development of Medicaid systems at Deloitte USI. Managed large-scale projects that optimized over $30M in benefit disbursements with 97% accuracy. Implemented advanced database and processing solutions for enterprise healthcare.

- Architected and optimized eligibility batch processing systems, achieving 400% runtime improvement
- Led technical implementation of 40+ Public Health Emergency/COVID-19 Unwind modules (2400+ development hours)
- Designed and implemented automated validation frameworks for database objects and build sign-offs
- Established robust L3/L4 production support processes, successfully resolving 100+ critical incidents
- Developed automated tools reducing manual operational overhead by 90%
- Maintained exceptional code quality with <1.6 defects per 100 hours of development

Freelance Web Developer
Self employed   05/2017 - 06/2018   India

Individual Contributor on contract, working for small scale upcoming startups.

- Developed custom chatbot solutions for an early-stage startup, focusing on innovative exit-intent marketing technology.
- Improved transcription accuracy by 15% by building a robust JavaScript-based transcription editor module.

EDUCATION

Bachelor of Technology (B.Tech.), Computer & Communication Engineering
Manipal Institute of Technology
01/2014 - 12/2018

PROJECTS

OCR Auto-Fill
12/2020 - 12/2020

Developed an automated PAN card form-filling web application using computer vision and OCR technologies. Implemented image upload and camera capture features with text extraction and form auto-population using Python, OpenCV, Tesseract, and Django.

BellBots
09/2017 - 02/2018

Designed an autonomous indoor navigation bot using a custom positioning system with Arduino, RFID, and Bluetooth. Won Special Prize at Provenance '18 B-Plan Competition for overcoming traditional indoor tracking challenges with an innovative prototype.

LANGUAGES

Language	Level	
English	Proficient	●●●●○
Hindi	Native	●●●●●

CERTIFICATION

Oracle Certified Associate, Java SE 8 Programmer
Oracle

Cloud Fundamentals
Microsoft Technology Associate

MERN eCommerce from Scratch
Udemy

Machine Learning
Coursera

Deep Learning Specialization
Coursera

DeepLearning.AI TensorFlow Developer
Coursera

SKILLS

Web Development (Full-Stack)   Git   SVN

Software Project Management   Linux

Java   Python   JavaScript

NextJS   React   IBM Websphere   ODM

GCP   OpenAI API   Oracle SQL