

Praneeth Chand

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EDUCATION

KARUNYA UNIVERSITY

B.TECH IN COMPUTER SCIENCE

ENGINEERING

August 2020 | Coimbatore, India

GPA: 8.3 / 10.0

COURSEWORK

GRADUATE

Object-Oriented Programming

Databases

Data Structures and Algorithms

Machine Learning

Operating Systems

Computer Networks

Design Patterns

Data Modeling

Functional Programming

Unix Tools and Scripting

Computation Theories

High Level Programming Languages

SKILLS

PROGRAMMING

Over 5000 lines:

Python • Data Structures and Algorithms

• Java • Javascript

Hands on:

Pandas • NumPy • Matplotlib • PyTorch •

TensorFlow • Scikit Learn • Transformers •

NLP-LLM • OpenCV • ANN • CNN •

RNN • GANs • Transformer Networks

(e.g., BERT, GPT) • Machine Learning

Algorithms • Deep Learning Algorithms

Worked on:

Git • GitHub • Jira • Kubernetes •

LaunchDarkly • Cloud Portal • Appveyor

with AWS

Familiar:

PostgreSQL • GraphQL • Android • SQL

• .Net

EXPERIENCE

DELTEK | SENIOR SOFTWARE ENGINEER

Jan 2025 - Present | Bengaluru, India

- Developed a custom AI model to generate code snippets, **reducing development time by 40%** and improving efficiency.
- Integrated NLP for intuitive user input, enhancing automation capabilities by **35% efficient**.
- Deployed the model within a web-based interface, enabling real-time interaction and boosting developer productivity by 30% more.
- Optimized Terra Deployer, reducing human errors by 95% through automation and protocol compliance, enhancing **deployment efficiency by 60%**.

DELTEK REPLICON | SOFTWARE ENGINEER 2

July 2023 – Dec 2024 | May 2021 – Feb 2022 | Bengaluru, India

- Created an AI-powered Python documentation tool, reduced manual documentation efforts by 50%.
- Maintained coding standards to ensure **efficient coding practices**, which facilitated thorough code reviews and **enhanced overall code quality**, with **performance increased by 45%** with Documentation Tool.
- Automated extraction of function signatures and dependencies, ensuring **99% accuracy** and **reducing errors by 100%**.
- Led as SPOC (Single Point of Contact) for global customers including Wipro, NTT Data, Assured Partners, Capgemini, etc., and successfully constructed and implemented effective solutions to manage user bases ranging from **2,000 to 200,000 users**.
- Ensured scalability of 100% by leveraging best practices and technologies for seamless performance and user satisfaction.
- Managed and optimized REST APIs, enhancing system performance and improving team frameworks for greater efficiency and timely project deliverables.

RESEARCH & PROJECTS

SMART DRONE FOR PRECISION AGRICULTURE | RESEARCHER

may 2019 – Aug 2020 | Coimbatore, India

Worked with Samuel Sudeep and Prof Jeba Priya to create **Plant Disease Detection Mechanism** and Tested in Real Field with an automated drone system, for plant disease detection and integrated with automatic pesticide/insecticide spraying. Utilized advanced algorithms for precise crop monitoring, disease identification, and optimized farm management, boosting yield by 40

BLIND WITH BENEFITS | TEAM LEADER - IBM HACKATHON PROJECT

Sep 2019 – Nov 2019 | Bengaluru, India

Led the development of **Blind with Benefits**, a user interface for visually impaired users to listen to stories, books, and newspapers in any language. Integrated image processing to translate content into the user's preferred language, enhancing accessibility and user experience. Collaborated with **Prof. Shamila Ebenezer**

AWARDS

2024,2025	Best Performer	Awarded Twice with Academic Excellence
2019	2 nd /122	IBM Hackathon Project Coding Challenge
2019	1 st /73	Best Project at Karunya Innovation Day