

Prathap Chandra

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EDUCATION

VIGNAN INSTITUTE OF TECHNOLOGY AND SCIENCE

BACHELOR'S DEGREE IN
COMPUTER SCIENCE
June 2019 | Hyderabad, India

TELANGANA BOARD OF INTERMEDIATE EDUCATION

NARAYANA JUNIOR COLLEGE
May 2015 | Hyderabad, India

BHASHYAM PUBLIC SCHOOL

May 2013 | Hyderabad, India

LINKS

Medium:// @prathap_chandra
Github:// Prathap-Chandra
LinkedIn:// prathapchandra
Website:// prathapchandra.com

COURSEWORK

UNDERGRADUATE

Data Structures and Algorithms
Database Management Systems
Operating Systems
Cloud Computing
Object Oriented Programming
Computer Networks
Machine Learning

SKILLS

Frontend

• ReactJS • VueJS

Backend

• NodeJS • ExpressJS • NestJS
• Python • Flask

Databases

• SQL (PostgreSQL, MySQL, SQLite)
• NoSQL (MongoDB)
• Cache (Redis)
• Vector (Qdrant)
• GraphDB (Neo4J)

Distributed Systems

• Docker • Nginx
• Apache Kafka • AWS

Academic Experience

• C • C++ • PHP

EXPERIENCE

CAW STUDIOS | SOFTWARE DEVELOPMENT ENGINEER - II

Jun 2022 – Present | Hyderabad, India

- Implemented **Outlook Actionable Mails** and **Actionable Mobile Pages** (Gmail), integrating comprehensive **help desk functionalities** directly within **users' mailboxes** resulting in a **3x increase in sales conversion**.
- **Deployment Platform**: Developed an application enabling developers to select repositories, branches, and custom configurations for deployment, automating Docker container creation.
- Led the development of a robust **integration system** in **Node.js** from the ground up, serving as a critical **intermediary** between client applications and the main backend server.
- **Optimized** system performance by analyzing and refining **database queries**, significantly boosting **read and write efficiency by 60%**

2GETHR, SHIPSY | SOFTWARE ENGINEER

May 2020 – Jun 2022 | Bangalore, India

- Built an entire real-time **chat application** from scratch using **Node.js** and **socket.io**. Automated the process of code deployment using **Bitbucket Pipelines**
- Built the backend for automation of **Invoice Generation** for clients of a co-working space. Worked with **Node.js, AWS and MongoDB**

YELLOW.AI (YELLOW MESSENGER)

SOFTWARE ENGINEER

Jun 2019 – Mar 2020 | Bangalore, India

- Worked on fine-tuning **entity extraction** and **intent classification** for chatbot of various use cases utilizing models like **Word2Vec** and **BERT**
- Experience with building **document-based chats** by using **vector embeddings** of docs and **vector databases**.
- Deployed interactive chatbots to Microsoft Teams using **App Studio**, thereby extending chatbot support beyond the web to include **the Microsoft Teams** platform
- Designed and developed visually engaging, **Responsive Adaptive Cards** which are cross-platform UI components within the Microsoft ecosystem.

SOFTWARE DEVELOPER INTERN

Jan 2019 – Jun 2019 | Bangalore, India

- Developed specialized **HR-focused chatbots**, streamlining HR operations and inquiries

ACADEMIC PROJECTS

VIGNAN INFORMATION MANAGEMENT SYSTEM

Our College Portal

- Developed a comprehensive portal featuring **attendance, results, and leave management**, customizable for any **JNTU-affiliated college**, and integrated with my side project, Studentsfate, under our HOD's guidance, now utilized by our college. **Click here for GitHub repo and Project tour**

VIGNANHUB

A Mini Facebook

- Create an application similar to **facebook** after watching **The Social Network** Movie 🎬. **Received a ₹10,000 cash prize for winning the best project** at the expo in our college.