

# Prathap Chandra

Last Updated on 24th August 2025

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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

Website:// [prathapchandra.com](http://prathapchandra.com)

Medium:// [@prathap-chandra](https://@prathap-chandra)

Github:// [Prathap-Chandra](https://Prathap-Chandra)

LinkedIn:// [prathapchandra](https://prathapchandra)

## 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

• Golang  
• Python • Flask  
• NodeJS • ExpressJS • NestJS

### 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

### FREECHARGE DBAT - AXIS BANK | LEAD SDE

May 2024 – Present | Bangalore, India

- Leading **Quick Overdraft** product to disburse loan to registered entities based on their previous loan history and other factors

### CAW STUDIOS | SOFTWARE DEVELOPMENT ENGINEER - II

Jun 2022 – March 2024 | 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.
- **Optimized** system performance by analyzing and refining **database queries**, significantly boosting **read and write efficiency by 60%**

### 2GETHR | SOFTWARE ENGINEER

May 2020 – Jun 2021 | Bangalore, India

- Built an entire real-time **chat application** from scratch 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 **AWS** and **PostgreSQL**

### 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

#### 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

[Click here for GitHub repo](#)

- 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. and **Project tour**

### VIGNANHUB

[Click here for GitHub repo](#)

- 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.