

# 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

Website:// [prathapchandra.com](http://prathapchandra.com)  
Medium:// [@prathap-chandra](https://@prathap-chandra)  
Github:// [Prathap-Chandra](https://Prathap-Chandra)  
LinkedIn:// [prathapchandra](https://prathapchandra)

## SKILLS

### Microservices

- Golang
- Java
- Python
- NodeJs

### Databases

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

### Monitoring / Logging

- ELK Stack
- Newrelic

### Distributed Systems

- Docker
- Nginx
- Apache Kafka
- AWS
- Kubernetes

### Frontend

- ReactJS
- VueJS

## COURSEWORK

### UNDERGRADUATE

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

## EXPERIENCE

### FREECHARGE DBAT - AXIS BANK | LEAD SDE

May 2024 – Present | Bangalore, India

- Managed / Led a team of 10+ engineers to design and deliver **5+ microservices** processing **200K requests per hour**.
- Implemented **AES symmetric encryption** for secure transmission of API payloads containing PII, protecting data sent to both third-party services and the frontend, ensuring **confidentiality** and **integrity** during transit
- Built **idempotent state-machine architecture** ensuring reliability in financial systems.
- Involved in every production outage. Experienced in working under stress of outage, providing innovative solutions, evaluating trade offs to quickly get back online
- Collaborated with cross-functional partners (product, QA, risk, business) to deliver **200+ new features**, contributing to an **80-90%** increase in loan disbursal volumes.

### 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%**
- **Self hosted Appflowy**, an open source alternative to notion, and helped cut costs

### 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**
- Wrote several automation scripts to automate the deployment process

### YELLOW.AI (FORMERLY 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 Domain - focused chatbots**, streamlining HR operations and inquiries