





# Poornachandra Doddi.

 [github.com/Poornakgps](https://github.com/Poornakgps) |  [linkedin.com/in/poornachandra-doddi](https://www.linkedin.com/in/poornachandra-doddi) |  [poornakgps123@gmail.com](mailto:poornakgps123@gmail.com) |  +91-9550401251

## EDUCATION

**Indian Institute of Technology (IIT) Kharagpur, India**  
Bachelors of Technology in Chemical Engineering

2021 - 2025

## WORK EXPERIENCE

**Inventrik | Full Stack Developer Intern** [March 2025 - Present]

Spring Boot, Java, MySQL, OAuth2, Stripe API, Maven

- Built Multi tenant Digital-EStore backend using **Spring Boot**, **MySQL**, **Redis** with REST APIs for product management, orders, and authentication
- Integrated **Stripe API** for payment processing with webhook handling and automated invoice generation
- Implemented **OAuth2 authentication** with **Spring Security** for multi-tenant access control and **Swagger** documentation
- Developed discount system and email notifications using **Thymeleaf** templates with PDF generation via **iText**

**Xavica Software Solutions Private Limited-QWIPO | Software Engineer Intern** [May 2024 - July 2024]

Nodejs, Python, Metabase

- Built SKU product categorization model using **TF-IDF** and **Cosine Similarity** with **0.93** accuracy, evaluated by **F1-score**
- Designed **5 interactive dashboards** in **Metabase** to display business data, helping stakeholders make better decisions
- Contributing to the development of the **ONDC** app by gathering code implementations to enhance digital commerce

**NLP Research Intern | IIT Kharagpur** [Feb 2023 – Apr 2023]

Python, NLTK, Gensim, NetworkX

- Extracted 48 important Physics topics from 250 documents using **LDA (Latent Dirichlet Allocation)** probabilistic model
- Tackled the problem of converting a document multigraph to a directed acyclic graph by applying **Minimum FAS**
- Applied libraries such as **NLTK**, **NetworkX**, **Gensim** to develop the sequencing algorithm to achieve the optimum outcome

## PROJECTS

**Online Coding Platform** [April 2025]

Nodejs, PostgreSQL, Reactjs, Docker

[Code](#)

- Built a **multi-language online judge** platform supporting C++, Python, JavaScript, Java, and Go with code execution
- Implemented **Docker-containerized** code execution sandbox with resource limiting and timeout controls
- Built judging system with **PostgreSQL** backend, checking code submission against test case and returning verdicts

**To-Do Serverless Application** [July 2024]

AWS Cloud, Python

[To-Do](#)

- Developed a serverless To-Do application using **AWS Lambda**, **API Gateway**, and **DynamoDB** for **100+**CRUD operations
- Automated task archiving using Lambda functions and integrating **Amazon S3** for seamless long-term storage
- Engineered a fault-tolerant, scalable backend system using AWS Lambda, with **CloudWatch** integration for monitoring

**CliqueConnect | Backend Development** [July 2024]

Nodejs, PostgreSQL

[CliqueConnect](#)

- Designed and implemented a robust backend for a social media platform using **Node.js**, integrated with **PostgreSQL**
- Developed comprehensive functionalities for user management, **post** creation, **user** interactions, and follower notifications
- Leveraged libraries like **Express**, **Sequelize**, **Multer**, and **JSON Web Token** to ensure secure, and scalable API development

## ACHIEVEMENTS

- Secured an **All India Rank** of **9704** out of **0.14 M+** candidates in **Joint Entrance Examination Advanced** 2021
- Earned the title of **Expert** on **Codeforces** with rating of **1603**, placing in the top **2.0%** of contestants(profile: chandu1479)
- Achieved the **4-star** coder designation on **CodeChef** with a **1894** rating, ranking in the top **1.8%** of participants globally

## TECHNICAL SKILLS

**Languages & Web Technologies:** C | C++ | Java | Python | JavaScript | SQL

**Libraries & Frameworks:** C++(STL) | Spring Boot | Nodejs | FASTAPI | Networkx | Reactjs | Tailwind

**Cloud & Dev Tools:** AWS | Docker | GitHub | Postgres | MongoDB | MySQL | Claude

**Software Development Skills:** Object-Oriented Programming | Operating Systems | DBMS | Prompt Engineering

## COMPETITIONS AND CONFERENCE

- Attained a global rank of **452** and **631** in Codeforces Division.3 Round 917 and 913 respectively (out of **20k+** participants)
- Secured **87th** and **294th** positions in Codechef Division 2 Rounds 151 and 153, competing against over **2k+** participants

## COURSEWORK

**Undergraduate Courses:** Programming and Data Structures | AI foundations and applications | AI for economics

**MOOCs:** Machine Learning | Ultimate AWS Certified Solutions Architect Associate SAA-C03(Udemy)