

ATUL VIDYARTHI

Final Year Undergraduate | Software Developer

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EXPERIENCE

Python Programmer Intern

Center of Excellence in Wireless Technology

📅 May'20 - Jul'20 📍 Work from Home

- Developed a testing module for the 5g core network using Flask.

Teaching Assistant for the course Overview of Computers

Indian Institute of Information Technology, Sricity

📅 Aug'19 - Nov'19 📍 Chitoor, Andhra Pradesh

- Taught topics such as assembly programming, linux and bash scripting, LaTeX and Arduino to the students and conducted their lab sessions

EDUCATION

Indian Institute of Information Technology, Sricity

Bachelor of Technology CGPA- 8.28

St. Michael's High School, Digha, Patna

Intermediate CBSE - 89.4%

St. Paul's High School, Digha, Patna

Matriculation ICSE - 97.2%

TECHNICAL SKILLS

Java Frameworks and Libraries

Spring Boot Spring Security Spring Cloud JPA

Eureka JDBC

Python Web Frameworks

Django Django REST Flask

Cloud

Amazon Web Services (AWS) Firebase Heroku

Other

C Flutter MySQL Postgres Linux Git

Domain Skill

Web Development Microservice Architecture

Information Retrieval Web Scraping

SOFT SKILLS

Adaptability Ability to work under pressure

Diligence

MOTIVATION

"You can always walk a step before you plan to relax."

PROJECTS

Haven - A Crime Tipping and Reporting Portal

- Working on an online forum for people to help or seek help from others anonymously. Target audience are people who are victims or convicts in civil or criminal cases.
- Users can also report any criminal activity in the locality directly to the authorities. There are journalists to verify these posts.
- Added speech to text converter and language translator for effective communication.
- Spring boot is being used for the microservices architectural design.

KudaBin - A Waste Management App

- Developed a mobile app for sewage collection to manage collection centers, collection agents, collection vehicles and customers.
- Requesters can track collection vehicles on Google Map who, on successful pick-up, can also submit feedback. Lastly, the users can report places where garbage is dumped illegally.
- Flutter is used for the mobile app along with various google map libraries and NodeJs for backend. For live tracking, firebase is used.

BlueTech ERP - An Enterprise Resource Planning Software

- Developed a centralized business management software for Sales, HR and Finance department. Recruitment could be done through a link sent on the registered email address.
- Payment gateway was also integrated to let any company buy this software. The whole application was built using Django.

Carpool - A Car Rental Website

- Developed a serverless Flask application using AWS services like Amazon Cognito, DynamoDB, CloudFront, Amazon Lambda, Amazon Lex, S3 bucket and AWS IAM and deployed it using Zappa.

Digital College - A Learning Management System

- Developed a Django application with materialized CSS for UI to serve as a platform for student-teacher interaction, club-related activities, student progress, assignment submission, course planning, quiz conduction and forum.

Echo - A Music Player

- Developed a Kotlin App which can play songs from the device with shake-to-change the song feature and a cool visualizer.

Other works on Github