# **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

• 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

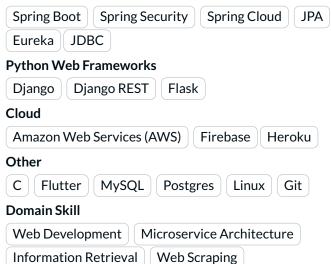
Intermediate CBSE - 89.4%

## St. Paul's High School, Digha, Patna

Matriculation ICSE - 97.2 %

# **TECHNICAL SKILLS**

#### Java Frameworks and Libraries



# 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