

ABHIGYAN SHARMA

Final Year Undergraduate

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📍 Prayagraj, India

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EDUCATION

B.Tech in Electronics and Communication
**Indian Institute of Information Technology,
Allahabad**

📅 July 2018 – Present

📍 Prayagraj, India

CGPA : 9.12 (till 6th Sem)

Class XII (AMU)

AMU City School

📅 March 2018

📍 Aligarh, India

Percentage : 89.0%

Class X (AMU)

AMU City School

📅 March 2016

📍 Aligarh, India

CGPA : 9.6

SKILLS

- Data Structures And Algorithm
- Object Oriented Methodology
- Operating System
- Computer Networks
- DBMS
- Languages
C, C++, Java, JavaScript, Python
- Tools & Frameworks
ReactJS, Redux, NodeJS, Git

COMPETITIVE CODING

- 600+ submissions across all judges.
- **Global Rank 768** in 'Google KickStart' Round C 2021 out of 12000+ registered participants.
- Secured **Global Rank 102** at January Challenge conducted by 'Codechef' in January, 2020.
- **Codechef 4 Star (1834)** :
codechef.com/users/abhigyan_01

ACHIEVEMENTS

- Awarded '**First Position**' in BizQuiz (Business-Technical Quiz, team of 2), ESummit 2020.
- Received '**High Commendation**' in IIITA Model United Nations, G20 committee 2018.
- Amongst National Top 1% (National Standard Examination in Chemistry 2017).
- Secured 42 State Rank and 309 Olympiad Rank (International Olympiad of Science 2017-18).

EXPERIENCE

Software Engineering Intern

Walmart Labs

📅 May 2021 – Present

📍 Bangalore, India

- Developed E-commerce feature for the existing Supplier Submission Microfrontend to manage and execute the Online Store Demands.
- Worked on online store to facilitate sorting and searching of items.
- Tech Stack - **React and JavaScript**

PROJECTS

Homeland Security System | Image Processing

- A security system notifies the owner of Intruder and Fire alerts.
- Image Processing with Open CV on Raspberry Pi. Facial recognition through LBPHFaceRecognizer algorithm to identify between intruder or house personnel.
- Thermal Detection through Passive Infrared Detector, so that the system detects fire and notify the user through SMTP.
- Tech Stack - **OpenCV, Numpy, Matplotlib**
- Algorithm - **Haar-Cascade**

Reliable Protocol & HTTP Proxy Server | Computer Networks

- Implemented TCP like reliable communication protocol over unreliable UDP as the base protocol.
- Used Sliding Window Protocol to implement efficient service
- Implemented a simple HTTP proxy server where incoming connection requests from the browser are first parsed to read the the HTTP headers and then redirected to the destination server.
- Tools, Tech and Algorithms Used: **WireShark, C, Sliding Window, Routing Information Protocol**

Time Keeper | Automation

- A web extension which provides the user a feature to sync their Gmail and Google calendar automatically.
- Provides Custom Specification for Events, Deadlines and Individuals to prioritize stuff.
- Tech stack and framework: **JavaScript, Django, Google APIs**

LandMarkit | Blockchain

- A Blockchain based app for buying and selling land titles which also stores the deals involved and incorporate transactions through cryptocurrency.
- Tools and Technologies Used: **Solidity, ReactJS, Portis, Metamask, Matic, Truffle**

RESPONSIBILITIES

- **Coordinator:** Sarasva, The Literary Society of IIITA
- **Events Head:** Aparoksha'21, The Technical Fest of IIITA
- **Organiser:** Grayhound'21, Biz-Tech Quiz