

# SHAIK BORELA SONY

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## SUMMARY

To build a successful career as a software developer by delivering innovative solutions and contributing to a growth-oriented organization, while continuously enhancing my technical and professional skills

## EDUCATION

- |   |                                     |
|---|-------------------------------------|
| • <b>B.Tech. in Computer Science and Engineering &amp; Business Systems.</b><br><i>Rajeev Gandhi Memorial College of Engineering and Technology</i> | Sep '21 - Jun '25<br>Nandyala, IN   |
| • <b>Intermediate (MPC).</b><br><i>The Nandyala Junior College</i>  | Jul '19 - Apr'21<br>Nandyala, IN    |
| • <b>SSC</b><br><i>Vimala English Medium School.</i>  | Jun '18 - Apr'19<br>Yerraguntla, IN |

## KEY PROJECTS

- Domain: Network Security | Technologies: Python, TensorFlow/Keras, NumPy, Pandas, Matplotlib | Deep Learning Based Network Intrusion Detection System (CNN-LSTM)
  - Developed a hybrid CNN–LSTM based Intrusion Detection System for IIoT networks, achieving high accuracy and low false alarm rates on benchmark datasets like KDD CUP99, NSL-KDD, and UNSW-NB15.
  - Implemented a complete end-to-end deep learning pipeline (data preprocessing, model training, testing, and evaluation) to effectively detect complex and evolving attack patterns compared to traditional IDS models.
- Domain: Web Development | Technologies: HTML, CSS, JavaScript | Weather Application
  - Developed a responsive weather application integrated with the Open Weather Map API for real-time weather updates.
  - Focused on user-friendly UI/UX with dynamic content rendering based on user location and search queries.
- Domain: Image Processing | Programming Languages: Python | Smart Living
  - Built an image enhancement tool using OpenCV for histogram-based colour correction.
  - Improved image brightness and contrast, enhancing overall visual quality.
- Domain: Web Development | Technologies: HTML, CSS, Bootstrap | Portfolio Website
  - Created a personal portfolio site to showcase projects, skills, and certifications.
  - Emphasized responsive design, interactive animations, and mobile compatibility.

## INTERNSHIPS

**Full Stack Web-Development Intern |** Dec '24 - Jan '25  
*Internship Studio* Pune, IN

- Worked on full stack development using HTML, CSS, JavaScript (frontend), Python with Flask/Django (backend), and SQL databases.
- Applied **Agile methodology** and collaborated in a team to deliver the final project on time. [link](#)

## KEY SKILLS

- |  |   |
|--|---|
| • Web Development: HTML, CSS, JavaScript, Bootstrap, React.js                      | • Tools: Git, GitHub, MS Office   |
| • Core Concepts: Data Structures and Algorithms (DSA), Object-Oriented Programming | • Database Management: SQL (Database Operations, CRUD, Joins, Aggregations) |

## TECHNICAL SKILLS

- **Programming Languages:** C, Java, python, SQL, oops, DSA (basics), Tableau
- **Version Control:** Git, GitHub
- **Platforms:** Linux, Windows
- **Tools:** MS Office, Visual Studio Code, MS Word.

## CERTIFICATIONS

- Python: Introduction to Python
- AICTE Virtual Internship: Java Full stack developer Virtual Internship, Aws Cloud Virtual Internship, Cybersecurity virtual Internship, Data Science Master Virtual Internship
- NPTEL: Smart Grid, Internet of Things (IoT)
- Hacker Rank: Java, python, SQL.
- Unstop: Interview Preparation of Deloitte and Amazon
- Finalist in IEEE Yesist 2024(Special Track, Project: Smart Living) Tunisia Science City, Tunisia

**Certificates:** [Click Here to view All the Certificates](#)

## ACHIEVEMENTS

- **Hacker Rank:** 5-star rating in problem-solving.
- **Code Chef:** Highest Rating
- **DSA Quiz:** Secured Top 4 position in the DSA quiz conducted by Tech Spark via Unstop.
- **Quiz Competitions:** Recognized for analytical skills.

## EXTRA-CURRICULAR ACTIVITIES

- **Awards:** Won Prize in paper presentation competitions.
- Lead Presenter for a Paper Presentation at Amogha, Demonstrating strong communication & public-speaking skills.
- Mentored peers in project development and technical activities, fostering collaboration and knowledge sharing.

## ADDITIONAL INFORMATION

- **Languages:** English, Telugu, Basics in Hindi.
- **Interests:** Reading Books, Playing, Sports, Listening Music.