# SHAIK BORELA SONY

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## SUMMARY

I am a Passionate software developer focused on creating innovative solutions in software development. My experience includes working with full-stack development and data science, utilizing technologies like Python, JavaScript and various databases. I have successfully completed several projects, enhancing my technical skills with a commitment to quality and teamwork. I aim to contribute meaningfully while advancing my professional growth.

## EDUCATION

- **B.Tech. in CSE - Business Systems.**                                       Sep '21 - Jun '25
  *Rajeev Gandhi Memorial College of Engineering and Technology.*                      Nandyala, IN
- **Intermediate (MPC).**                                                          Jul '19 - Apr'21
  *The Nandyala Junior College.*                                                     Nandyala, IN
- **SSC**                                                                          Jun '18 - Apr'19
  *Vimala English Medium School.*                                                  Yerraguntla, IN

## KEY PROJECTS

- **Domain: Network Security | Technologies: Python, TensorFlow, Keras, NumPy, Pandas, Matplotlib |"Deep Learning Based Network Intrusion Detection System (CNN-LSTM)"**
  - o Developed a hybrid CNN–LSTM Intrusion Detection System(IDS) for IIoT networks, achieving high accuracy and low false alarm rates on benchmark datasets like KDD CUP99, NSL-KDD, and UNSW-NB15.
  - o Implemented an 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"**
  - o Developed a responsive weather application integrated with the Open Weather Map API.
  - o Focused on user-friendly UI/UX with dynamic content rendering.
- **Domain: Image Processing | Programming Languages: Python | "Smart Living"**
  - o Built an image enhancement tool using OpenCV for histogram-based colour correction.
  - o Improved image brightness and contrast, enhancing overall visual quality.
- **Domain:  Web Development | Technologies: HTML, CSS, Bootstrap | "Portfolio Website"**
  - o Created a personal portfolio site to showcase projects, skills, and certifications.
  - o  Emphasized responsive design, interactive animations, and mobile compatibility.

## INTERNSHIPS

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

- Worked on full stack development using HTML, CSS, JavaScript (frontend), Python with Flask/Django (backend), and SQL databases.
- Collaborated within an Agile development team, contributing to sprints, code reviews, and timely delivery of the final project while maintaining high-quality standards. "Link"

**Data Science (Python) Intern |**                                            Nov '24 - Feb '25
*Brain O Vision Solutions Ind Pvt Ltd*                                               Remote, IN

- Worked on data analysis using Python, including data cleaning, preprocessing, and visualization with libraries like Pandas and NumPy.
- Applied basic machine learning technique and documented insights to support data-driven decision-making in project tasks. "Link"

## KEY SKILLS

• Web Development: HTML, CSS, JavaScript, Bootstrap, React.js
• Core Concepts: Data Structures and Algorithms (DSA), Object-Oriented Programming.
• Tools: Git, GitHub, MS Office
• 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, Aws Cloud, Cybersecurity, Data Science Master Virtual Internship.
• NPTEL: Smart Grid, Internet of Things (IoT).
• Hacker Rank: Java, python, SQL.
• Unstop: Completed Interview Preparation Program for top companies.
• IEEE YESIST 2024 Finalist – Smart Living (Finalist project in the special track at the event in Tunisia).
  **Certificates:** ["Click Here to view All the Certifications"](#)

## ACHIEVEMENTS

• **Hacker Rank:** Achieved a 5-star rating on Hacker Rank for problem-solving skills.
• **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,  Hindi, Telugu.
• **Interests:** Reading Books, Playing, Sports, Listening Music.