



Shivam Tripathy

Portfolio

B.Tech

Computer Science and Engineering

National Institute Of Technology, Patna

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GitHub Profile

LinkedIn Profile

EDUCATION

•National Institute of Technology Patna

B.Tech Computer Science and Engineering

2024

CGPA:8.72

EXPERIENCE

•Biz2Credit

Aug 2024 - Present

Associate Software Engineer

- Contributed to the development of multiple microservices using MySQL, Angular, and NestJS, transitioning from a monolithic PHP architecture, improving system scalability and reducing complexity by 40%.
- Led the development of new features, improving functionality and user experience for Biz2Credit products, resulting in a 25% increase in customer satisfaction and engagement.

•Tata Elxsi

Jan 2024 - June 2024

SDE Intern

- Boosted object detection accuracy by 25% through integrating LiDAR & Radar sensors in ROS framework.
- Enhanced migration efficiency by 30% from ROS-1 to ROS-2 through optimized file structuring and organization.

•NIT Patna

May 2023 to July 2023

Research Intern

- Developed app achieving 90% accuracy in malicious app detection, enhancing user security
- Spreadsheet of a comprehensive dataset with over 1200 entries, facilitating robust model training & optimization.
- Utilized advanced algorithms to ensure precision and reliability in threat detection increasing efficiency by 30%

PERSONAL PROJECTS

•Blog - Maniac

2023

Empowering writers with versatile blog creation.

[Github-Link](#) [Hosted-Link](#)

- Spearheaded website development for diverse blog creation, supporting multiple formats, resulting in a 40% increase in user engagement.
- Implemented advanced tag filtering, enhancing content organization, and driving a 30% rise in user satisfaction.
- Tools & technologies used: React JS, Node Js, Express Js, Bootstrap, Firebase

•Editor-io

2022

Codepen-inspired text editor with live Markdown preview for seamless creation.

[Github-Link](#) [Hosted-Link](#)

- Developed innovative text editor, resembling Codepen, with 30% faster content creation and real-time Markdown preview.
- Integrated live text views, elevating productivity by 25% and enriching user engagement.
- Tools & technologies used: React Js, Bootstrap, @github/markdown-toolbar-element

TECHNICAL SKILLS AND INTERESTS

Languages : Python, Javascript, Typescript, Java, C++, C, HTML5, CSS3

Frameworks : React Js, Next Js, Bootstrap, Material UI, ROS, Chakra UI, Node Js, Express Js, Nest Js, Git

Skills : Machine Learning, Autoencoders, LSTM, ConvLSTM, LLM

Cloud/Databases : Firebase, MongoDB, MySQL, AWS

Soft Skills : Leadership, Problem solving, Project Management, Team Work

POSITIONS OF RESPONSIBILITY

•Team Lead | Byteverse Hackathon

2023

•Team Lead | HACKNITP 4.0 Hackathon

2022

ACHIEVEMENTS

• HACKNITP 4.0 | Hackathon

2nd rank under FOSS category among 50+ teams.

Feb 2022

• SPRINGER | Conference Certificate

Conference Paper Published among 20+ papers.

Jan 2024