Priyansh Verma

Incoming Software Development Engineer at Accenture — IIT Bhubaneswar

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Summary

Motivated engineer with a strong foundation in data structures, algorithms, and full-stack development. Proven ability to apply computational problem-solving to complex challenges through projects and hackathons. Passionate about building efficient, scalable software and eager to contribute to innovative teams.

Education

Year	Degree/Examination	University/Board	%/CGPA
2025	Civil Engineering	Indian Institute of Technology Bhubaneswar	**8.74/10**
2020	Intermediate (12th)	Central Board of Secondary Education	**94.4%**
2018	Secondary School (10th)	Central Board of Secondary Education	**95.8%**

Work Experience

LG CNS   May – July 2024 *Java Backend Development Intern*

- Developed a **RESTful Laundry Management API** with real-time IoT integration for machine tracking and reservation, directly addressing user needs for efficiency.
- Implemented an AI-based dynamic pricing model, resulting in a **30% improvement** in resource utilization efficiency.
- Applied RSA cryptography to secure transaction data, ensuring software security and data integrity.
- Gained practical experience in **Agile methodologie**s, participating in daily stand-ups and sprint planning with a cross-functional team.

Technical Projects

Computational Mechanics Lab Portal IIT Bhubaneswar   React.js, Node.js, MongoDB

- Developed a full-stack web application serving as the central hub for a university research lab, improving information accessibility and team collaboration.
- Engineered secure user authentication with role-based access and a dynamic publication management system.
- Designed a responsive front-end with React and deployed the application, leading to its adoption by **100+ users**.

Interactive Mohr's Circle Visualizer   JavaScript, HTML5, CSS3

- Created an intuitive web app to visualize complex engineering stress transformations, solving a key user pain point.
- Reduced manual calculation time from **5-10 minutes to seconds**, showcasing ability to build productivity-enhancing tools.

Technical Skills

Languages:	Java, Python, C++, JavaScript, SQL
Web Technologies:	React.js, Node.js, RESTful APIs, Spring Boot, HTML5, CSS3
Tools & Databases:	Git, Docker, Linux, MongoDB, Google Workspace, Jira
Libraries:	NumPy, Pandas, Redux, Material-UI

Achievements

- Ranked **850** in **Google Kick Start** Round H (out of 10,000 participants), demonstrating strong algorithmic problem-solving skills.
- Secured **1st Prize** in **Truss the Frame** (Wissenaire'24) and **2nd Position** in **SDE Hackathon** (IITBBS), showcasing innovation and teamwork.

Positions of Responsibility

- **Executive Member**, Alumni Cell   May 2023 – May 2024
- **Core Head**, Alma Fiesta   Dec 2022
- **Member**, WebD Society   Dec 2022

Relevant Courses

Introduction to Programming and Data Structures, Data Structures and Algorithms, Introduction to Machine Learning, Digital Logic and Systems, Probability and Statistics, Advanced Structural Analysis, Finite Element Analysis, Advanced Solid Mechanics, Dynamics of Structures