

SATYAM KUMAR

Bhubaneswar, Odisha

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Experience

JSON-Schema (Open Source Contributor) Mar 2024 - May 2024

- Resolved 5+ critical UI/workflow bugs in JSON-Schema repositories for Google Summer of Code 2024.

Orma (SDE Intern) NY, USA Jan 2024 - Present

- Engineered core functionalities for React event photo-sharing app, resolving 20+ development tickets.
- Resolved and implemented 15+ API, Postgres, and Prisma ORM features, boosting app stability and functionality.
- Developed Camera First app using Vision Camera and React Native, implementing highlights, slideshows and timelines.

UniBuzz (SDE Intern) Melbourne, Victoria (Australia) Sep 2023 - Present

- Created JavaScript scrapers for Wikipedia, CollegeBoard, and TopUniversity, optimizing data extraction from 5+ sources with 95% accuracy improvement.
- Established CI/CD workflow for artifacts on GitHub Actions, enhancing data access efficiency by 90%. Deployed MongoDB Atlas Search, optimizing data retrieval and enhancing user experience.
- Engineered 3+ Python-based Discord bots (Invite Tracker, Poll, Chatbot) to boost community interaction.

E-Summit (Associate) IIT Bhubaneswar Nov 2021 - Dec 2022

- Designed and presented 10+ influential presentations, helping secure team's 2nd place ranking across all functions.

Projects

GuruChela | *MERN Stack, AI, Authentication* | [🌐 Project Link](#) 2024

- Enacted MERN-stack learning management system with course upload and viewing functionalities, enhancing online education delivery.
- user authentication and middleware, reducing unauthorized access attempts by 95%. Integrated AI features for lecture transcript generation, improving resource accessibility by 60%.
- Built advanced LMS features including playlists, content management, Razorpay integration, and doubt-solving sessions to enhance student experience.

I'M Beside You | *MERN, AI, UI* | [🌐 Project Link](#) 2023

- Built React 18 global chat platform and integrated AI chat bot.

Oscar | *HTML, CSS, JavaScript* | [🌐 Project Link](#) 2023

- Designed platform showcasing 1400+ Oscar-winning movies with user-friendly interface for seamless exploration.

Sylvan Stronghold | *Unity, C#, Blender* | [🌐 Project Link](#) 2023

- Cultivated farming simulation game featuring 6 ecosystem parameters.

Technical Skills

Languages: JavaScript, C++, HTML/CSS, C, Python

Frameworks/Libraries: React, Next.js, Node.js, Express.js, Tailwind CSS

Tools & Technologies: Atlas, Git, GitHub, VS Code, Unity, Blender, Figma, Prisma, Android Studio, MongoDB

Education

Indian Institute of Technology (IIT) Bhubaneswar Bachelor of Technology in Minerals and Metallurgical Engineering
CGPA: 6.57/10.0

Achievements

- Attained 2-star coder status on CodeChef with 1400+ rating, placing in top 10% of platform users.
- Secured top 1.5% national rank in JEE, outperforming 15,00,000+ candidates in prestigious entrance exam.
- Doubled Science Olympiad podium finishes (2015-16) ranking within top 5% nationally.
- Earned HackerRank beginner and intermediate certs (Oct 2023).

Appreciations

- [🌐](#) Appreciation Letter from Manager , BacPac