Bismit Panda

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About Me

I am Bismit Panda, a pre-final year B.Tech Computer Science student with a specialization in Cyber Security at Rashtriya Raksha University. Skilled in Java, Python, C++, C, Rust, Golang, and web technologies, I have made projects in image manipulation, management systems, and interactive games.

Education

B.Tech in Computer Science and Engineering   *(CGPA: 7.8)*   Aug 2022 - Present

Rashtriya Raksha University

Schooling   *(CBSE 10th: 96.8%, CBSE 12th: 92.4%)*   Jul 2009 - May 2022

D.A.V. Public School

Technologies

Languages: Typescript, Rust, Python, C++, Golang, Javascript

Software and Frameworks: React, Next.js, Node.js, Shadcn UI, Tailwind CSS, MongoDB, Postgres, GraphQL, AWS, Docker, Kubernetes, Better Auth

Experience

CTO, AstraQ CD   Oct 2025 - Present

Leading the technical strategy and development of advanced cyber defense solutions.

- Spearheading the architecture and engineering of the core security platform.
- Managing cross-functional teams to deliver robust and scalable security products.
- Defining the technical roadmap and ensuring alignment with business goals.

Full Stack Developer, Greencard Inc.   Feb 2025 - Present

I worked on the development of a web application for the Greencard Inc. website. I was responsible for the development of landing pages of multiple services.

- Developed a landing page for Greencard Inc and 5 other services..
- Developed a dashboard for the Greencard Inc. website..

Tech Development Intern, Global Eye Intelligence   Jan 2025 - Nov 2025

I worked on the development of a web platform, scraping modules and AI agent ecosystem for geopolitical intelligence processing.

- Spearheaded development of a web platform and AI agent ecosystem for geopolitical intelligence processing.
- Led a team of 6+ developers across frontend, AI pipeline, and scraping modules.
- Achieved 80% reduction in manual data aggregation via automation and custom AI tooling.

Software Engineering Intern, IIT Bombay   Nov 2023 - Feb 2024

I worked on the development of a web application for the IIT Bombay which was a medical calculator for doctors. I was responsible for the development of the frontend in React and backend in Django.

- Mentored 4+ students in building a Medical Calculator application to assist doctors with complex calculations.
- Led frontend and backend architecture design, ensuring user-friendliness and reliability.
- Enhanced development timelines by 25% through active coordination and technology adoption.

Projects

Panda

Technologies Used:

Rust
- This is a toy interpreter for the panda programming language, featuring both an AST tree-walker evaluator and a compiler + VM architecture.
- It's inspired by the Monkey language implementation in Go.

Planr   https://planr.vercel.app

Technologies Used:

Bun, TypeScript, Next.js, React, Tailwind CSS, Shadcn/ui, Hono, tRPC, Mastra, PostgreSQL, Prisma, Qdrant, ClickHouse, Kafka, KafkaJS, Redis, MinIO, better-auth, OpenFGA, Resend, Zod, Tree-sitter, Discord.js, Slack Bolt
- Planr is a modern planning and task management application designed to help users organize their projects and workflows efficiently.
- The tool provides an intuitive interface for creating, managing, and tracking tasks across different projects and contexts.

Portfolio   https://bismitpanda.com

Technologies Used:

Next.js, shadcn/ui, React, TypeScript, Tailwind CSS, Node.js
- A portfolio website for me.

Achievements

GATE 2025 Qualified   Jan 2025

GATE

- Qualified in the Graduate Aptitude Test in Engineering (GATE) exam
- Demonstrated exceptional critical thinking and problem-solving skills in the field of engineering

National Talent Search Examination (NTSE) Qualified   Jan 2020

NCERT

- Qualified among top 1% nationwide in prestigious national-level scholarship exam
- Demonstrated exceptional critical thinking and academic performance

Certifications

CEH, Certification by EC-Council   Jan 2024 - Jan 2027

- Validated skills in penetration testing, threat assessment, and network security
- Demonstrated understanding of real-world hacking tools and methodologies