

# Bismit Panda

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## About Me

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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

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**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

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**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

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### 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

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### 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

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### **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

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### **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