

# Bismit Panda

India | [contact@bismitpanda.com](mailto:contact@bismitpanda.com) | +91 8280016000 | [GitHub](#) | [LinkedIn](#) | [Website](#)

## Summary

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Software engineer with 1.5+ years of professional experience shipping production web applications and AI-integrated systems. Built and deployed 10+ full-stack products across immigration, hiring, legal, and SaaS verticals as a sole developer. Co-Founder and CTO of an AI-powered cybersecurity startup. Strong systems background, writing Rust and Go for performance-critical work.

## Experience

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### Co-Founder & CTO, AstraQ Cyber Defence

Oct 2025 - Present

AI-powered cybersecurity startup building security training and platform products.

- Architected and built Athena CTF, a Capture the Flag security training platform, from the ground up.
- Architected and built Athena LMS, a security-focused learning management system, from the ground up.
- Led development of Phoebe (70% ownership) and Metis (30% ownership), two additional platform products.
- Defined technical stack, infrastructure, and architecture across all four products.

### Full Stack Developer, Greencard Inc. (now OpenVenture)

Feb 2025 - Present

US-based company building products across immigration, hiring, admissions, and investment verticals.

- Sole developer responsible for building and shipping 10+ production applications across the OpenVenture product suite, all in Next.js and TypeScript, deployed on Vercel.
- Built [visarchitect.com](#): full-stack immigration platform with multi-page dashboard, LLM-based immigration status evaluator, and a RAG pipeline (integrated from acquired product Visa Vibe).
- Built [openhired.com](#): full-stack hiring platform with marketing site and candidate-facing dashboard.
- Built [openadmits.com](#): admissions platform with Next.js frontend and headless CMS integration.
- Built and shipped [terrabridge.ai](#), [openventure.com](#), [legallounge.ai](#), [openaxle.com](#), [rideblnk.com](#), [openinvests.com](#), [shout-start.com](#).

### Tech Development Intern, Global Eye Intelligence

Jan 2025 - Nov 2025

Web platform and AI agent ecosystem for geopolitical intelligence processing.

- Built web platform and AI agent ecosystem for geopolitical intelligence processing.
- Led a team of 6+ developers across frontend, AI pipeline, and scraping modules.
- Reduced manual data aggregation by ~80% through automation and custom AI tooling.

### Software Engineering Intern, IIT Bombay

Nov 2023 - Feb 2024

Clinical medical calculator for doctors with a React frontend and Django backend.

- Built a clinical medical calculator; React frontend, Django backend.
- Led architecture design and mentored 4 student contributors.

## Skills

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**Languages:** TypeScript, Rust, Go, Python, C++, JavaScript

**Frontend:** React, Next.js, Tailwind CSS, Shadcn UI

**Backend:** Node.js, Hono, tRPC, GraphQL, Django

**Databases:** PostgreSQL, MongoDB, Redis, ClickHouse, Qdrant

**Infrastructure:** AWS, Docker, Kubernetes, Vercel

**AI/ML:** LLM integration, RAG pipelines, AI agents, web scraping

## Projects

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**Panda:** Rust interpreter and compiler with AST tree-walker evaluator and VM architecture

**Planr:** Full-stack project management tool (Next.js, Kafka, Qdrant, Redis, MinIO, OpenFGA)

## Education

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**B.Tech in Computer Science and Engineering (Cy-bersecurity specialization)** *(CGPA: 7.8)* Aug 2022 - Jun 2026

Rashtriya Raksha University

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

D.A.V. Public School

## Achievements & Certifications

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- GATE 2025 Qualified
- NTSE Qualified, top 1% nationally
- Certified Ethical Hacker (CEH), EC-Council | 2024–2027