

# PRITHVI B S

Jayankondam, Ariyalur, Tamilnadu - 621802

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## Education

### Bannari Amman Institute Of Technology

2021 – 2025

*B.Tech in Artificial Intelligence and Data Science (CGPA: 8.22)*

*Sathyamangalam, Tamilnadu*

## Work Experience

### iamneo

Apr 2026 – Present

*Software Engineer, Neo Browser Team*

*Coimbatore, Tamilnadu*

- Engineer on the **Neo Browser** secure exam browser (**Electron.js**; Windows / macOS / Linux) — leading AI-based detection, network controls, telemetry, security hardening, and cross-platform release delivery (detailed under Projects).

### iamneo

Sep 2025 – Mar 2026

*Associate – Tech Content*

*Coimbatore, Tamilnadu*

- Architected and scaled **production systems** (MCQ Generator, Trainer Scorer, LXD Analytics, Asset & License Manager, Course Automation) with **React, TypeScript, FastAPI, Azure OpenAI, and Firebase**, improving content-generation accuracy by **40%** through workflow automation (n8n, Selenium).

### iamneo

Jun 2025 – Sep 2025

*Junior Associate – Program Management*

*Coimbatore, Tamilnadu*

- Built **TrainOps**, a full-stack trainer-management platform (React, Firebase, Mapbox) for scheduling and GPS-verified attendance, while **handling client relationships** and providing **on-ground support at client locations** for training rollouts and operational issues.

### iamneo

Jan 2025 – Jun 2025

*Trainee – Program Management*

*Coimbatore, Tamilnadu*

- Built a **Selenium**-based automation tool for course creation and management, cutting manual setup time by **70%**.

## Projects

### Neo Browser - Secure Exam Browser | *Electron.js, Node.js, AWS (S3 / CloudFront)*

2026

- Cross-platform (Windows / macOS / Linux) lockdown browser; built **AI typing-behavior detection**, a **dynamic network whitelist**, and a live telemetry/anomaly pipeline to the assessment platform.
- Hardened with **.jsc** bytecode compilation, code obfuscation, **Electron fuses**, and EULA enforcement; migrated auto-updates to an **AWS S3 + CloudFront** channel across all three platforms.

### TrainOps - Trainer Management System | *React, Firebase, NodeMailer, Mapbox*

2025

- Built a **full-stack enterprise system** (React 18, Firebase Auth, Cloud Firestore) with 3 roles, calendar/matrix scheduling, real-time sync, **GPS clock-in/out** via Mapbox, approval workflows, and Excel/PDF export.

### MCQ Generator Platform | *React, n8n, Supabase, Azure OpenAI*

2025

- Engineered an **n8n + Azure OpenAI** pipeline with multi-select subtopic control and form-state persistence; enforced a strict subject-topic-subtopic hierarchy that improved accuracy by **40%**, reaching active production use by the Content Delivery team.

### LXD Analytics - Operations Dashboard | *React, TypeScript, FastAPI, MS Graph*

2025

- Built a **React + TypeScript** analytics dashboard with a FastAPI/Pandas backend syncing SharePoint/Excel training data via the **Microsoft Graph API**, surfacing trainer-utilization analytics through Recharts and TanStack tables.

## Technical Skills

**Languages:** Python, JavaScript, TypeScript, C++, SQL

**Frontend:** React, Next.js, Vite, Tailwind CSS, Streamlit

**Backend & Desktop:** FastAPI, Flask, Django, Node.js, Electron

**AI & Automation:** Azure OpenAI, GPT-4o, LLMs, GenAI, MTCNN, n8n, Selenium

**Databases & Cloud:** Firestore, Supabase, PostgreSQL, MySQL, AWS (S3, CloudFront), Azure, Firebase, Docker

**Tools:** Git, GitHub, Cursor, Claude Code, Figma, Sentry

## Achievements

- **Employee of the Month - March & July 2025:** Recognized at iamneo for production-ready enterprise systems and high-impact automation solutions.
- **BIT'S HACK'22 Winner:** Top honors and a Rs.10,000 cash award for a 'Classroom Allocation Mobile Application' in a 24-hour hackathon, February 2023.
- **BIT HACK'23 Finalist:** Qualified Finalist for the "Ride Hailing Service Application" project, October 2023.