

Abhitha E

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Education

Atria Institute of Technology, Bengaluru, India 2023 – 2027 (Expected)
Bachelor of Engineering in Computer Science and Engineering

- **CGPA:** 8.2 / 10.0
- **Relevant Coursework:** Data Structures & Algorithms, Object-Oriented Programming, Database Management Systems, Computer Networks, Operating Systems, Software Engineering

Experience

Full Stack Developer Intern, IshiSoft Private Limited – Remote Feb 2026 – Present

- Spearheaded the architecture and deployment of **GiftsNGifts**, a multi-vendor e-commerce marketplace using **React.js**, **Node.js**, **Express.js**, and **MongoDB**, serving 500+ products across 30+ categories with 20+ onboarded sellers.
- Led the integration of **Razorpay** payment gateway with webhook signature verification, stock reservation via **MongoDB transactions**, and automated timeout-based rollback, processing 50+ daily orders reliably.
- Collaborated with a cross-functional team of 4 engineers to build role-based Admin and Seller dashboards featuring real-time revenue analytics, inventory tracking, and KYC-verified seller onboarding, reducing manual operational overhead by 40%.
- Mentored 2 junior developers on Git workflow best practices and code review standards while driving adoption of structured sprint planning within the team.
- Owned end-to-end CI/CD pipeline, cloud deployment, and production monitoring across staging and live environments, maintaining 99.5% application uptime.

Projects

TechBrahmand – Digital Agency Platform | React 19, Three.js, Framer Motion, Live Demo
Node.js, MongoDB

- Created a production client onboarding platform featuring an immersive **3D interactive landing page** with **React Three Fiber** and **Spline**, increasing average user session duration by 45%.
- Designed a structured lead capture pipeline with **Express.js** REST API, **MongoDB** persistence, and automated **SMTP email alerts** to administrators on each client inquiry submission.
- Implemented cinematic scroll-driven animations using **Lenis** and **Framer Motion**, achieving a Google Lighthouse Performance score of 95+.
- Configured production deployment on **Hostinger VPS** with Nginx reverse proxy, SSL termination, and custom domain setup.

DeFraudAI – Deepfake & Misinformation Detector | Python, TensorFlow, React, Live Demo
TypeScript, Flask

- Trained a deep learning classification model using **TensorFlow** and **Transfer Learning** for deepfake detection in images and videos, achieving **92% accuracy** on benchmark datasets.
- Coordinated with a team of 3 to build a responsive analysis dashboard with **React**, **TypeScript**, and **Three.js** 3D visualizations for uploaded media and news article URLs.
- Pioneered a multi-modal detection pipeline analyzing images, videos, and text articles for manipulation traces using computer vision and natural language processing techniques.
- Shipped the inference backend on **Flask** with **Cloudflare Workers** edge caching, reducing global response latency to under 200ms.

Technical Skills

Languages: JavaScript, TypeScript, Python, Java, C++ , C, SQL, HTML5, CSS3

Frameworks: React.js, Next.js, Node.js, Express.js, Tailwind CSS, Redux, Framer Motion, Three.js, Flask, TensorFlow

Databases & Cloud: MongoDB, PostgreSQL, Supabase, AWS (EC2, S3), Vercel, Cloudinary, Cloudflare Workers, Docker

Tools: Git, GitHub, VS Code, Postman, Figma, Nginx, Linux, Jira

Concepts: Data Structures & Algorithms, OOP, DBMS, RESTful APIs, System Design, Agile, MVC Architecture

Certifications

AWS Cloud Practitioner Essentials – Amazon Web Services

Apr 2026

Programming in C and Java – Infosys Springboard

2025