

V Abhijith

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Education

2021–2026

IDD Material Science and Technology, IIT (BHU), Varanasi

CGPA: 8.38

Skills

Programming Languages: JavaScript, TypeScript, C++ , Python

Frontend: React.js, Next.js, HTML5, CSS3, Tailwind CSS, Bootstrap

DevOps & Cloud: Firebase, AWS, NGINX, Vercel Serverless Functions

Backend: Node.js, Express.js, REST APIs, JWT Authentication

Databases: PostgreSQL, MongoDB, Firestore, Redis

AI & Automation: Google Gemini API, N8N

Tools & Platforms: GitHub, Apache Kafka

Work Experience

Full Stack Internship, Placement Dost

May 2024 – June 2024

- Developed a responsive task management application using React.js, Node.js, and PostgreSQL.
- Built a custom JWT-based authentication system with encrypted password storage in SQL database.
- Architected secure, multi-user task allocation features integrated with protected CRUD API endpoints.

Educational Content Creator, ExamEvoke

May 2023 – Present

- Led end-to-end content creation and collaborated with cross-functional teams on course content design.
- Optimized student learning roadmaps by integrating current industry trends and best practices.
- Developed 50+ comprehensive stepwise video walkthroughs for complex algorithmic problems and concepts.

Projects

Juniper - AI-Powered Personal Virtual Assistant

- Engineered an AI-driven automation system using N8N workflows to build a personal virtual assistant.
- Enabled NLP-driven file search and automated delivery by integrating Gemini models with WhatsApp.
- Automated scheduled AI-generated email summaries to deliver consolidated daily message reports.
- Expanded the AI assistant with Gemini NLP workflows to retrieve task and calendar data from Notion.

GoGrocers - AI Integrated E-commerce Application

- Engineered responsive frontend using React.js with global cart state management via Context API.
- Designed and deployed a scalable microservices-based backend on AWS with independent services.
- Utilized NGINX load balancers on microservices servers for horizontal scaling and fault tolerance.
- Enabled smart recipe-driven product suggestions through an AI shopping assistant powered by Gemini API.
- Implemented Redis-based caching for frequently accessed data to improve performance.
- Designed event-driven communication using Apache Kafka for asynchronous event handling.

Technex '24 - IIT BHU Techno-management Fest Websites

- Co-led a team of 13, establishing the GitHub organization, defining the tech stack (Next.js, TypeScript, Tailwind), managing issues, reviewing PRs, and developing core components.
- Utilized the Intersection Observer API to develop UI components with efficient viewport-based state updates.
- Implemented dynamic routing with custom search functions to retrieve and render event data from JSON.

Honours and Achievements

- NTSE Scholar - Cleared NTSE Stage II and awarded national scholarship (2019).
- JEE Main - Ranked in the top 1.86% candidates nationwide.
- Hacktober Fest - 4 pull requests merged in public repositories.
- LeetCode - 600+ problems solved.
- LeetCode - 365 Badge (2025).