

Subhadeep Chell

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Education

- Vellore Institute of Technology, Chennai, Tamil Nadu, B.Tech-Computer Science & Engineering** Sep 2021 – May 2025
- CGPA: 8.28/10.00
- Hem Sheela Model School, Durgapur, West Bengal, Class-12 (CBSE)** Apr 2020 – Mar 2021
- Percentage: 88.33%

Experience

- Frontend Developer**, Course Compass – Mumbai, Maharashtra, India (Remote) Apr 2024 – Aug 2024
- Optimized website load time by 42.56% using streamlined API integration & responsive design.
 - Generated a design system with 80+ UI components and 100+ icons for 3+ projects, improving workflow efficiency by 30% for CC LMS, CC University Portal, and Internlink AI.
 - Tools & Technologies: React, Next.js, Node.js, TypeScript, REST API, Insomnia, Tailwind CSS, Figma, Canva.
- Full-stack Web Developer**, A3 Transforms – Chennai, Tamil Nadu, India (Remote) Jan 2024 – Apr 2024
- Developed CONVAID SaaS application, delivering a scalable frontend architecture with 99.9% uptime.
 - Collaborated with senior developers to build responsive web apps like ReTrust AI, integrating 3+ ML models via APIs for a seamless UX with 25% increased user engagement rate.
 - Tools & Technologies: React, Next.js, Node.js, TypeScript, REST API, Postman, Tailwind CSS, Express.js, Python, FAST API, Shadcn UI, Swagger UI.
- UI/UX Designer**, Evanke – Virginia, United States (Remote) Aug 2023 – Dec 2023
- Boosted navigation efficiency by 35% and user retention by 20% for TACIT and GENCOMP through optimized UI design & UX Research.
 - Designed brand marketing assets including 10+ slicksheets & presentation slides, boosting marketing effectiveness by 30%.
 - Tools & Technologies: Figma, Canva, Framer, Webflow, LocoFy.ai.

Projects

- Globo AI - AI guided Trip Planning Web Application** [Project Link](#)
- Engineered AI-guided trip planner app delivering personalized itineraries using Google Gemini API and 1.5 Flash model.
 - Achieved 40% efficiency gain by reducing credential insecurity and accelerating authentication time with Google OAuth 2.0.
 - Tools Used: React, Tailwind CSS, Shadcn UI, React Router, MongoDB, Node.js, Express.js, Google Gemini API, Firebase, Google Places API, Google Photo API, Google OAuth 2.0.
- CipherFiles - AES-256-CTR Algorithm based Secure File-Storage Web Application** [Project Link](#)
- Constructed MERN based web app, ensuring file confidentiality and restricted access with AES-256-CTR client-side encryption.
 - Integrated Bcrypt.js (Blowfish Algorithm), boosting security and handling 100+ authentication requests with reduced risk.
 - Tools Used: React, Tailwind CSS, MongoDB, Node.js, Express.js, Crypto, Bcrypt.js, Shadcn UI, Multer, Mongoose ODM.

Skills

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

Technologies: React, Next.js, MongoDB, Node.js, Express.js, Shadcn UI, Prisma, Git, Github, Postman, Firebase, Figma, MySQL

Field of Interest: Full-Stack Development, Artificial Intelligence, Machine Learning, UI/UX Designing

Volunteer Experience

CYSCOM VITC - Web Development Member (2022-2024): Contributed to 3+ Club Web Projects - CysHub, Hackerspace, etc.

Certificates

Google Cloud Certified Cloud Digital Leader (2023-2026) , Google Cloud Computing Foundations (2023-2026)