AMBER BISHT

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Skills

Frontend: React.js, Next.js, JavaScript, TypeScript, HTML, CSS
Backend: Node.js, Express.js, REST API Design, WebSockets, PostgreSQL, MongoDB, Prisma, Redis
DevOps: Docker, CI/CD, AWS (S3, Lambda, CloudFront)
Tools & Practices: Git, GitHub, Postman, Linux, Agile/Scrum, System Design

Work Experience

Software Development Intern – *Delonix Travel Services, Dehradun, India* Apr 2025 – Aug 2025

- Reduced unauthorized-access risk by **20%** by redesigning permission logic across Admin, Manager, and Sales roles.
- Automated PDF generation workflows with Puppeteer, improving document clarity and lifting conversions by **25%**.
- Refactored API architecture using caching and query optimization, reducing average response time across high-traffic endpoints.

Tech: React.js, Express.js, Puppeteer, Docker, MongoDB

Projects

AES-128 LMS – Secure Scalable Learning Platform Live | GitHub

- Architected a full-stack LMS using **TypeScript, React (Next.js)**, and Node.js **microservices**, backed by **PostgreSQL + Prisma ORM**, supporting multi-quality HLS streaming (480p–1080p).
- Designed a serverless AWS Lambda + FFmpeg pipeline for automated video transcoding and AES-128 HLS encryption.
- Implemented **CloudFront signed URLs + private S3** for access-controlled content delivery.
- Used **Web Worker-based processing** to isolate playback logic and protect encryption keys from client-side exposure.

AskSync – AI Test & Survey Platform Live | GitHub

- Developed an **AI-powered assessment platform** handling **100+ test creations** and **1,000+ user attempts**.
- Integrated **AI-based MCQ generation and evaluation** (Groq + Google Gemini), cutting manual test-creation time by **45%** with tests generated in **under 10 seconds**.
- Built a **real-time grading engine** for objective and subjective responses, improving evaluation speed by **60%+**.

Achievements

- Maintained 1,600+ GitHub contributions across 2025–26 in full-stack, security, and infrastructure-focused projects.
- Completed 6+ freelance projects during college.

Education

Master's of Computer Applications (MCA) 2026–2028
Graphic Era University

Bachelor of Computer Applications (BCA) 2023–2026
Hemvati Nandan Bahuguna Garhwal University (HNBGU), Srinagar CGPA: 7.02