

# Angad Muthyala

Backend Developer

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## SUMMARY

Backend Developer with production experience building NestJS/PostgreSQL APIs, async job pipelines, and CI/CD-deployed AWS infrastructure. Comfortable across the backend lifecycle — API design, database modeling, testing, and containerized deployment.

## TECHNICAL SKILLS

**Languages:** TypeScript, JavaScript, Python  
**Backend:** Node.js, NestJS, Express.js, REST APIs, WebSockets  
**Databases:** PostgreSQL, Prisma ORM, Redis  
**Auth & Testing:** JWT, Passport.js, Jest  
**Cloud & DevOps:** AWS (EC2, S3, IAM, EKS), Docker, Kubernetes, Terraform, CI/CD (GitHub Actions, Jenkins)  
**Tools:** Git, Postman, Linux

## CERTIFICATIONS

**AWS Certified Developer – Associate (DVA-C02)** — In Progress [View Badge](#)

## EXPERIENCE

**Backend Developer Intern** Nov 2025 – April 2026  
*AI BI Street Pvt. Ltd — AI-Powered Video Interviewing Platform* *Mumbai, India*

- Sole backend engineer on an AI-powered video interview platform (NestJS, PostgreSQL) in production with active recruiter and candidate workflows
- Built the full interview lifecycle: WebRTC video recording with chunked uploads, candidate invite flows, and passwordless magic-link auth across three user roles
- Designed an async media pipeline (BullMQ + Redis) for video compression, transcription, and LLM-based evaluation, with retry and job persistence
- Built an AI interview-prep generator — ingests PDF resumes and job URLs, runs a 3-pass Groq editorial pipeline (generate, critique, rewrite) into structured PDF prep materials
- Migrated storage from local disk to Cloudflare R2, removing a recurring class of upload failures and enabling presigned-URL streaming
- Raised test coverage from 17% to 83% (23 suites, 45 tests) by fixing DI mocks and writing Jest tests for auth, recorder, and subscription services
- Built the subscription layer — feature gating, usage limits, and the REST contract with JWT auth and a Prisma-backed schema

## LEADERSHIP & COMMUNITY

**Campus Lead** 2024 – 2025  
*FossUnited Forum*

- Founded and ran the campus FOSS chapter — workshops on Git, Linux, and open-source contribution helped students land their first pull request.

## EDUCATION

**University of Mumbai** Mumbai, India  
*B.E. in Computer Science* *Graduated Apr 2026*