Akshat Kotadia

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Education

International Institute of Information Technology, Hyderabad   **Jul 2025 – Present**
M.Tech in *Computer Science and Engineering*   ***CGPA: 9.33/10***   *Hyderabad, India*

Institute Of Technology, Nirma University   **Oct 2021 – May 2025**
B.Tech in *Computer Science and Engineering* **CGPA: 8.36/10**   *Ahmedabad, India*

Experience

Software Developer Intern | Iolite Softwares Pvt. Ltd. | Ahmedabad, India | Jan 2025 – Jun 2025
- Worked on enterprise-grade **IP Management System** using **AngularJS (frontend)** and **.NET 9 (backend)**.
- Developed APIs, integrated business logic, and optimized performance.
- **Tech stack: AngularJS, .NET 9, C#, MS SQL Server**

Software Developer Intern | Solvemate Tech Pte Ltd | Ahmedabad, India | May 2024 – Jul 2024
- Integrated **OAuth2.0**-based Google Auth with Analytics in a MERN dashboard.
- Developed "Confession" team-building feature using **AWS API Gateway, DynamoDB, React**.
- Built a **React Native** loyalty app with referral rewards using serverless AWS APIs.
- **Tech stack: HTML, CSS, JS, React, Node.js, React Native, AWS, Google Analytics**

Projects

POSIX Shell Implementation | **C++** | Self Project | GitHub | Aug 2025
- Built a **Unix-like shell** in C++ with support for **foreground/background processes**, I/O redirection, and pipelines.
- Implemented built-ins (`cd`, `pwd`, `echo`, `ls`), process info (`pinfo`), recursive `search`, and job control.
- Added **signal handling** (CTRL+C, CTRL+Z, CTRL+D), **command history** (persistent), and **autocomplete** for commands/files.

Resume Revealer | **Python, Machine Learning, NLP** | Group | GitHub | Feb 2024
- Created a resume parser that extracts and classifies sections like education, experience, and skills from various formats.
- Mapped job roles to the **O*NET** database to predict career trajectories.
- Implemented **Random Forest Classifier** for skill prediction based on description text.

Chat App | **C#, MongoDB, ASP.NET** | Self | GitHub | Nov 2024
- Developed a real-time chat application with features like **Register**, **Login**, **Logout**, and **Chat**, using **ASP.NET Core**.
- Utilized **MongoDB Atlas** to store user data and messages securely and efficiently.

Technical Skills

Programming Languages: C, C++, Python, Java, JavaScript, C#
Frameworks/Libraries: Flask, Node.js, Express.js, React.js, AngularJS, React Native, ASP.NET
Databases: MySQL, MS SQL Server, MongoDB, DynamoDB
Tools & Platforms: Git, GitHub, Docker, Postman, Jupyter Notebook, Google Colab, Kaggle, AWS
Other Technologies: REST APIs, OAuth 2.0, JWT, Serverless (AWS Lambda)

Achievements

- **99.61** percentile with the score **752** and All India Rank **665** in GATE CS/IT 2025 and rank **10** in PGEE 2025.
- **First Runner-Up** at **MINeD 2024** (Revelio Labs track) for building a **resume parser**.
- **Competitive Programming**: **Codeforces 1330 (Pupil)**, **CodeChef 1785 (3 star)**, active on **LeetCode (kotadiaakshat)**.

Co-Curricular Activities

Junior Student Placement Coordinator, IIIT Hyderabad   **Hyderabad, India**
- Facilitated placement drives by coordinating between students and recruiting companies, ensuring execution of process.

Core Committee Member and Social Media Head - CSI, Nirma University   **Ahmedabad, India**
- Organized flagship events HackNUThon 4 & 5, CUBIX 4 & 5, and designed coding problems for competitions

Mentee - Amazon ML Summer School   **Remote**
- Selected among top students for an intensive Machine Learning training program by Amazon, covering ML theory and real-world applications