

# Mohammed Aayan Pathan

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## Summary

Passionate full-stack developer and aspiring computer scientist with a focus on applied AI, data-driven web apps, and impactful user experiences. Proven track record of building real-world projects with modern technologies.

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## Education

### A-Levels

GEMS Founders School - Al Barsha • Dubai, UAE

06/2026

**A-Levels: A\* in Mathematics, A in AS Physics** (*predicted A\* in Physics and Computer Science*)

Subjects studied include: **Math, Further Math, Computer Science and Physics.**

### GCSE/iGCSE

GEMS Founders School - Al Barsha • Dubai, UAE

08/2024

**GCSEs: Achieved grades 999988877, equivalent to A\*A\*A\*A\*A\*A\*A\*AA.**

Subjects studied include:

**Further Pure Mathematics, Mathematics, Physics, Chemistry, Computer Science, English Language and Literature, Psychology, and Business Studies.**

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## Experience

### Product and App Development Intern

Voxa Voice App • Dubai, UAE (remote)

07/2025 - 07/2025

- Developed a full-stack voice training app using Next.js and Firebase.
- Specialized in front-end design using TailwindCSS to build user-friendly interfaces.
- Utilized AssemblyAI APIs for live transcription and OpenAI GPT for speech feedback.
- Managed GitHub repository and led deployment via Vercel.
- Collaborated with teammates to ensure seamless feature integration.
- Conducted user testing to gather feedback for iterative improvements.
- Demonstrated proficiency in prototyping UI designs using Figma.

### Student Intern - Team Leader

8BillionIdeas • Dubai, UAE

06/2024 - 06/2024

- Led a team in developing and implementing a comprehensive marketing strategy for rebranding a company.
  - Collaborated with team members to create wireframes and prototypes for website redesign.
  - Implemented user-friendly UI/UX design principles to enhance website functionality.
  - Conducted market research to inform design decisions and maximize user appeal.
  - Led the team through the end-to-end rebranding process, fostering collaboration and creativity.
  - Presented design concepts to stakeholders for feedback and approval.
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## Projects

### FormulaMetric

*React, Node.js, MySQL, Express, Tailwind*

Built a full-stack F1 performance analytics app using real-world data. Designed custom statistical models to score and compare drivers across multiple seasons. Features include driver selection, metric gauges, team logic, and MySQL-backed API.

### Voxa Voice App

*Next.js, TypeScript, Tailwind, Firebase, AssemblyAI, OpenAI*

Created a public speaking assistant with real-time transcription and AI feedback. Implemented full-stack logic, live speech capture via AssemblyAI, and adaptive feedback using OpenAI. Led UI/UX design and back-end structure.

### Portfolio Website – aayanpathan.com

*React, TypeScript, TailwindCSS*

Personal site showcasing projects and achievements. Includes dynamic animations, loading logic, Vanta backgrounds, and contact form integration with EmailJS.

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## Skills

NextJS, TypeScript, Tailwind, Node.js, Express.js, Firebase, MySQL, JavaScript, Python, GitHub, Figma