

## Farhan Bin Hossain

London, UK

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### SUMMARY

Aspiring Full-Stack Developer based in London with experience building and deploying production-ready web applications and AI-powered automation systems. Skilled in React, Angular, Node.js, Flask, REST APIs, CI/CD pipelines, and cloud deployment (Vercel, Render, Azure). Passionate about building scalable systems, automation tools, and AI-driven applications.

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### Technical Skills

- Languages: JavaScript, Python, Java, SQL
  - Frontend: React, Angular 17, Tailwind CSS, HTML5, CSS3
  - Backend: Node.js, Express.js, Flask, RESTful APIs
  - Database: MongoDB, SQL
  - Cloud & DevOps: Azure, Vercel, Render, GitHub Actions, CI/CD
  - Tools & Technology: Git, GitHub, JWT Authentication, Postman, Chart.js
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### Projects

**AI Chatbot (Full Stack)** | React, Node.js, Express, Groq API, Vercel, Render

- Built AI chatbot using LLaMA 3.3 via Groq API for real-time responses
- Developed secure REST APIs with Node.js & Express
- Improved performance using async calls and optimized request handling
- Deployed frontend (Vercel) and backend (Render) with CI/CD

[Live Demo](#) | [GitHub Repository](#)

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**Orchestrator Pulse — Automated AI News System** | Python, GitHub Actions, Meta Graph API, Pillow, RSS

- Built automated pipeline scraping 30+ RSS feeds for AI news
- Generated 1080×1080 branded image cards using Python (Pillow)
- Automated Facebook posting using Meta Graph API
- Scheduled full pipeline 8× daily via GitHub Actions (CI/CD)
- Designed modular architecture for scraping, generation, and posting

[Facebook Page](#) | [GitHub Repository](#)

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**Finance Tracker App (Full Stack)** | Angular 17 · Flask · MongoDB · JWT

- Built full-stack finance tracker for budgeting and expense analytics
- Developed secure REST APIs with authentication and role-based access
- Designed dashboards using Chart.js for financial insights
- Implemented search, filters, pagination for usability

[GitHub Repository](#)

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### Education

**BSc Computing Systems** — Ulster University (2024 – Present)

- Currently in 3rd Year (On going)

**Higher Secondary School Certificate** — Comilla Govt. City College (2018 – 2020)

- CGPA: 5.0
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### Achievements

- Dean's List Award (Year 2) – Ulster University
  - Develop Generative AI Applications: Get Started — IBM (Coursera)
  - Azure Fundamentals Certified
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### Additional

- Active GitHub contributor with multiple full-stack projects
- Strong interests in Artificial Intelligence, Cloud Computing, and Scalable Systems