

Mahmoud Mohamed

Full-stack Developer



ABOUT ME

Experienced Full Stack Developer with over 7 years of expertise in Computer Science and web development. Specializes in building applications from inception to completion, leveraging microservices, cloud technology, and cutting-edge AI technologies. Adept at problem-solving, collaborating in team environments, and translating technical concepts into easy-to-understand information. Persistent and detail-oriented, with a passion for continuous learning and improvement.

EXPERIENCE

Fullstack Developer

Mesh Firm Copenhagen, Denmark

2024 - Present

- Developed AI applications from inception to completion, utilizing microservices and cloud technology.
- Collaborated with teams to revamp product management using cutting-edge AI technologies.
- Contributed to the creation and maintenance of scalable web applications, ensuring high-quality deliverables.

Full Stack Engineer

Upwork - Remote

2022 - Present

- Built dynamic and responsive front-end interfaces using React and TypeScript, JavaScript, Node.js, Express resulting in a 25% increase in user engagement.
- Developed new features, maintained codebases, and troubleshoot issues using CSS/SCSS, Bootstrap, and Tailwind.
- Ensured responsive and user-friendly designs.

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Website: [Portfolio](#)

LinkedIn: [Mahmoud Mohamed's LinkedIn](#)

Technical SKILLS

Front-End:

- TypeScript
- JavaScript (ES6)
- React.js
- Next.js
- Bootstrap, Tailwind CSS, SASS
- Design Figma

Back-End:

- Node.js
- Express.js
- RESTful APIs
- Test-Driven Development
- Vite
- Jest
- API Testing
- Unit & Integration Testing

Databases:

- MongoDB(Mongoose)
- Firebase

DevOps:

- Git
- GitHub
- Agile workflows (pair & mob programming, user stories, scrum)
- CI/CD (Jenkins, GitHub Actions)

LANGUAGES

- **English** (Fluent)
- **German** (Intermediate - B1)

Technical Support Advisor

Concentrix Cairo, Egypt
2021 - 2022

- Researched and identified solutions to complex technical problems.
- Utilized knowledge base resources and escalation pathways for effective troubleshooting.

IT administrator/ Frontend Developer

AL FAJR FOR TECHNOLOGY- Cairo, Egypt
2016 - 2021

Frontend Developer (2018 - 2021)

- Converted designs into interactive and dynamic HTML, CSS, and JavaScript code.
- Improved user experience and managed code changes using Git.

Network Engineer (2016 - 2018)

- Designed and built internal network infrastructure for over 100 projects.
- Set up hardware and software, optimized performance, and maintained intranets.

CERTIFICATIONS

- HiveMQ Certified MQTT Associate(IOT)
- Introduction to Generative AI
- Python for Data Science, AI & Development
- Introduction to Software Engineering
- Introduction to Agile Development and Scrum
- DevOps Essentials
- Introduction to Containers w/ Docker, Kubernetes & OpenShift
- Introduction to Cloud Computing

EDUCATION

Full Stack Development Program

BIT - Beam Institute of Technology Berlin
Graduated: February 2024

Bachelor of Science in Computer Science

University of Cambridge UK
Graduated: May 2014

PROJECTS

- ❖ Rent Your Home
 - ❖ [Live Demo](#)
 - ❖ [GitHub Repository](#)
- ❖ Chat-AI
 - ❖ [Live Demo](#)
 - ❖ [GitHub Repository](#)
- ❖ code-cycle-squad
 - ❖ [Live Demo](#)
 - ❖ [GitHub Repository](#)