Ahmed Nabil

Software Engineer

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Experience

Nov 2024 – Present

Software Engineer, *Penny Software*, Remote, Riyadh, Saudi Arabia
○ Integrated Google Maps API with autocomplete, geolocation, and marker support.
○ Built a nested category selector using `p-treeSelect` and custom tree algorithm.
○ Enhanced PDF print layouts and timeline UI with Angular + PrimeNG.
○ Added SKU copy-to-clipboard and collapsible approval flow views.
○ Fixed double initialization bug, improving performance.
○ Enabled WebP image support and optimized form validation UX.

May 2023 – Nov 2024

Software Engineer & Junior Software Engineer, *Vultara, Inc*, Remote, Michigan, USA
○ Promoted after delivering frontend and performance improvements.
○ Built zoomable, draggable canvas tools; optimized modeling algorithms.
○ Refactored legacy code; extended drag-and-drop UI from open source.
○ Streamlined CI/CD with cloud teams; mentored junior devs.

Jul 2021 – Dec 2021

Software Engineer, *Aliya, Co*, Remote, Cairo, Egypt
○ Built education/marketing platform using Node.js, MongoDB, EJS.
○ Designed schemas and deployed the app on Heroku.

Skills

Frontend	Angular (RxJS, NgRx), PrimeNG, Tailwind, HTML, CSS, JS (ES6+)
Backend	Node.js, NestJS, Express, RabbitMQ, WebSockets
Databases	MongoDB, PostgreSQL, MySQL, Mongoose
DevOps	Git, Docker, Swagger, Postman, AWS, Heroku
Practices	Agile, CI/CD, Component Architecture, Microservices

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Projects

Student Management System	Node.js, Express, Vue.js, JWT, Mongoose	*Graduation project with grading automation and role-based access. GitHub*
Grocery Microservice	Node.js, Docker, RabbitMQ, AWS	*Microservices backend with cart, wishlist, and product search.*
Reddit Clone	Node.js, MySQL, WebSockets	*Real-time social app with posting, comments, and image uploads.*

Education

2021

B.Sc. in Computer Engineering, *Aswan University*
Courses: Data Structures, Algorithms, Databases, OS