

# Emad Zaid — Full Stack Developer

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## Personal Statement

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Computer Science graduate and Full Stack Web Developer with expertise in creating dynamic, user-friendly web applications from front-end to back-end. Always eager to learn new technologies and keep up with industry trends to deliver effective and efficient projects.

## Education

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Sept 2020 - July 2024	BS in Computer Science - <b>The University of Lahore</b>	(CGPA: 3.86/4.0)
2018 - 2020	F.Sc Pre-Engineering - <b>KIPS College</b> (Bahria Town Campus)	
2016 - 2018	Matriculation - <b>Unique School</b> (Bahria Town Campus)	

## Experience and Projects

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### Nextonix Web (Jun 2022 - Jan 2023)

- Built and maintained e-commerce site using the **MERN** stack (MongoDB, Express.js, React, Node.js).
- Developed RESTful APIs with **Node.js** and integrated third-party services such as **JWT**.
- Followed **MVC** architecture for scalable, maintainable code.
- Collaborated in an **Agile environment**, using Git for version control and code reviews.

### Personal Project

<https://emadman-portfolio.netlify.app/>

- Built a responsive portfolio website using **React** and **Tailwind CSS** to showcase projects and skills.
- Integrated dark mode toggle for improved user customization and experience.
- Implemented **smooth navigation** and **interactive UI** components.
- Optimized performance with **code splitting** and **lazy loading** for faster load times.

### Freelance Project

<https://urchin-app-sernm.ondigitalocean.app/>

- Developed a complete e-commerce platform for lampshades using the **MERN stack**.
- Designed a responsive frontend with **Tailwind CSS** for an engaging user experience.
- Integrated **PayPal** and **credit card payment** methods via **APIs** for secure transactions.
- Implemented **JWT authentication** for secure login and user management.
- Created an admin panel with **CRUD** operations for managing products and inventory.
- Used **Redux Toolkit** for app state management and hitting endpoints on backend server from frontend.

## Technical Skills

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- Languages: Javascript, C++, Python, HTML/CSS.
- Frameworks and Libraries: React, Node.js, Express.js, Tailwind CSS, and Bootstrap CSS.
- Databases: MySQL and MongoDB.
- Tools: Redux/RTK, Postman, Insomnia, Authentication with JWT, Axios, Mongoose, Git.
- Architectures & Methodologies: MVC Architecture, RESTful API Design, Agile.
- Responsive websites and follow best coding practices such as DRY.