

# Muhammad Muneeb

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## Summary

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Versatile and results-driven **Software Engineer** with hands-on experience in **Next.js, React, Node.js, NestJS,** and **Flutter**. Proven ability to build scalable and performant web applications with modern JavaScript frameworks and back-end technologies. Strong command over **AWS, PostgreSQL, MongoDB, Oracle** and **MySQL**, with a focus on clean architecture, responsive UI design, and API integrations. Collaborative team player with a passion for building innovative digital experiences.

## Skills

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**Frontend:** Next.js, React.js, HTML5, CSS3, Tailwind CSS, TypeScript, JavaScript, Redux, ShadCN/UI, Bootstrap

**Backend:** Node.js, NestJS, Express.js, Django, Python (FastAPI), RESTful APIs, WebSockets

**Databases:** PostgreSQL, MongoDB, MySQL, Firebase, Oracle

**Mobile:** Flutter, Dart,GetX

**AI & Data Science:** Python (NumPy, Pandas, Scikit-learn), TensorFlow, OpenCV, Hugging Face, NLP, Deep Learning, Transformers

**DevOps & Cloud:** AWS (EC2, S3, RDS), Firebase Hosting, Linux Server Management, Docker, Docker Compose, Jenkins, Portainer, Nginx, PM2

**Version Control:** Git, GitHub, GitLab, BitBucket

**Tools & Practices:** VS Code, Pycharm, Postman, Jira, Trello, Redmine Project Manage, Notion, Agile/Scrum, Code Reviews, Problem Solving, CI/CD Pipelines, Unit & Integration Testing, Clean Architecture, SOLID Principles

## Work Experience

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### Senior Software Engineer – HiveWorx

Jan 2026 - Present

- Collaborate with product teams to design data models, workflows, and API contracts while defining clear service boundaries
- Architect and develop backend services using clean design principles with a strong focus on performance and scalability
- Improve system reliability through robust validation, access control, and structured logging and monitoring
- Implement targeted testing strategies for critical paths and enforce quality through streamlined code review practices
- Mentor team members on maintainable architectures and performance-conscious development practices

### Software Engineer – IPlex

Aug 2025 - Dec 2025

- Build product features and learn the codebase fast with a focus on clear user wins
- Work with Design, QA, and Product to agree on scope and ship small, reviewable releases
- Improve quality with practical tests, better error handling, useful tracking, and simple docs
- Make the site faster by cutting bundle size, reducing extra API calls, fixing layout shift, and reusing components
- Help with releases and bug triage and suggest small process changes that speed up the team

### Software Engineer Consultant – HiveWorx – Part-time (Hybrid)

Sep 2025 - Present

- Work with the product team to plan data models, workflows, and API contracts and set clear service boundaries
- Design backend services using clean design principles with performance in mind
- Increase reliability with strong validation, access control, and clear logs and metrics
- Add focused tests on critical paths and use simple review checklists to keep quality high
- Mentor teammates on maintainable patterns and performance-aware coding

### Software Engineer – HiveWorx

Jan 2024 - Sep 2025

- Developed and maintained cross-platform mobile applications using **Flutter**, focusing on UI performance, responsiveness, and clean architecture.
- Built and managed scalable backend services using **NestJS**, designing secure and efficient RESTful APIs with robust role-based access control and data validation.
- Integrated advanced features including authentication, real-time communication (**WebSockets**), and intelligent data caching to ensure high availability and reliability of services.
- Designed system architecture, handling database modeling, API structuring, and service orchestration to ensure scalability and maintainability.
- Collaborated with UI/UX designers and QA teams, translating design specifications into production-ready code and writing testable business logic to maintain code quality.

### Full Stack Developer – Cygnetic Software

Mar 2023 – June 2024

- Designed and developed full-stack web applications using **React.js/Next.js** on the frontend and **Node.js/Express** on the backend.
- Engineered RESTful APIs for scalable microservices, leveraging **MongoDB** and **PostgreSQL** for data management.
- Deployed applications on **AWS EC2**, configured **S3** for static storage, and implemented automated deployments using **Jenkins**.
- Maintained and improved CI/CD pipelines, performed unit testing, and conducted code reviews for quality assurance.
- Worked in an agile environment, coordinating closely with cross-functional teams for continuous product improvement.

### Full Stack Developer – Al-Atash Group

Sep 2021 - July 2022

- Built and maintained business-critical web applications using the MERN stack.
- Implemented RESTful APIs and designed responsive frontends to improve user experience.
- Collaborated with a team of developers to migrate legacy systems to modern technologies.

### Intern Frontend Developer – QuellxCode

Aug 2021 - Sep 2021

- Assisted in building frontend components using React.js, HTML, and CSS.
- Participated in Agile sprints and contributed to code reviews and UI testing.
- Gained hands-on experience with JavaScript frameworks and responsive design practices.

## Education

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Capital University of Science and Technology

Sep 2019 - July 2023

**Bachelor in Computer Science**

## Certification

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Unity Essentials Pathway – **Unity**

Introduction to Mobile Development – **Coursera**

Web Application Technologies and Django – **Coursera**