

M. A. Nazif Malhi

Software Engineer

nazifmalhi@gmail.com

<https://www.linkedin.com/in/nazif-malhi/>

<https://github.com/nazif-malhi>

nazifmalhi.com

+923409351491

Stargate, Karachi, Sindh, 75200, Pakistan

Dedicated Software Engineer with 3+ years of experience designing and implementing custom ERP systems from scratch and web applications for 10+ clients. Proficient in full-stack development with Django (DRF), Node.js, React.js, Vue.js, and database management using PostgreSQL and MySQL. Skilled in API integration, ZATCA & FBR compliance, and agile methodologies, with a passion for innovative solutions and career growth toward a Software Principal role. Committed to delivering high-quality software through client collaboration, project management, and continuous improvement.

Work Experience

Software Engineer

Apr 2023 - Sep 2025

[Fifth Thought](#) | Karachi, Pakistan

Developed custom ERP systems from scratch, including HRM, Purchase, Sales, Finance, and Projects modules and also many more, supporting 10+ clients.

Designed software architectures and database schemas to optimize system performance

- Implemented ZATCA compliance for ERP systems during international deployments and FBR compliance for local clients
- Worked on Django DRF, Node.js, GraphQL, Apollo Server, React.js, and Vue.js for robust full-stack applications.
- Created reusable components to enhance code efficiency and minimize duplication.
- Conducted comprehensive testing and resolved errors to ensure reliable performance.
- Collaborated with clients to gather requirements and deliver tailored solutions on schedule

Junior Software Engineer

Dec 2022 - Apr 2023

[Fifth Thought](#) | Karachi, Pakistan

Engaged with clients to define requirements and develop reliable ERP and web applications.

Built and integrated APIs using Django DRF to enable seamless system communication.

Designed user interfaces with React.js and Vue.js to improve user experience.

Software Engineer Intern

Oct 2022 - Dec 2022

[Fifth Thought](#) | Karachi, Pakistan

Designed intuitive interfaces to enhance application usability.

Developed reusable dynamic features to streamline development processes.

Integrated APIs into front-end systems for efficient data flow.

Conducted research and development (R&D) to optimize application performance.

Projects

Farma Stead (V1)

Dec 2021

Built AI-based web application using machine learning models for pest/disease identification and crop recommendations.

Developed features including water calendars and detailed reports to support farmers.
Implemented language conversion to improve accessibility and user adoption.

Restaurant Management System

Sep 2020

Developed POS-like system in C# and SQL Server for inventory tracking and real-time reporting.

ISP Management System

Jun 2020

Built desktop application in C# and Firebase for customer management and financial records.

Designed interface with Adobe XD for enhanced usability.

Core Skills

Python, JavaScript, SQL, Django (DRF), Node.js, React.js, Vue.js, Apollo Server, GraphQL, Prisma, MERN Stack, PostgreSQL, MySQL, Firebase, Git, Gitlab, Github, CI/CD, Docker, Agile, Project Management, Database Design, Software Architecture, ZATCA Integration, FBR Integration, RESTful APIs

Education

Bahria University, Karachi

Sep 2024 - Present

Masters Software Engineering

Relevant Coursework: Master's Thesis in Progress – Early Bug Prediction

Bahria University, Karachi

Sep 2019 - Sep 2023

Bachelor Software Engineering

Relevant Coursework: Multiple projects attached in project sections

Awards

Regional Champion

International Collegiate Programming Contest (ICPC)

Achieved top results in speed programming among 50+ participants.

Certificates

Scrum Fundamentals Certified (SFC)

Coursera

Google Project Management Certificate

Coursera

Additional

- ERP Deployment in Saudi Arabia with Fifth Thought: Managed three-month project, trained local teams more than 20+ users for 500+ employees, and ensured successful integration.