



EHTASHAM NASIR | Full Stack Lead / Solution Architect

Mobile/WhatsApp: +971581683179

Email: ehtasham.nasir89@gmail.com

LinkedIn: linkedin.com/in/ehtasham-nasir | Github: github.com/ehtasham89

Dubai, United Arab Emirates

Accomplished Full Stack Lead and Solution Architect with over 13 years of extensive experience in designing, implementing, and leading robust, scalable, and high-performance systems. Proficient in **Node.js, NestJS, Express, TypeScript, Java Spring Boot, MERN-Stack, MEAN-Stack, React Native, Python, and cloud technologies**. Expert in application architecture design, technical leadership, and Agile methodologies, specializing in cloud-based and on-premises deployments using **Kubernetes, Docker**, and various CI/CD pipelines. Experienced in Linux-based, Microsoft, and macOS operating systems.

SKILLS

Solution Architecture:

- Microservices architecture, REST API, GraphQL
- Event-driven architecture, Kafka, RabbitMQ, gRPC
- API Gateway, Elasticsearch, Pub/Sub
- AWS, Google Cloud, Azure
- On-premises deployment, Kubernetes, Docker

Programming Languages & Frameworks:

- JavaScript (ReactJS, React-Native, Redux, VueJS, AngularJS, NodeJS, NestJS)
- TypeScript, ES5 & ES6, WebPack
- Java (Spring Boot, Hibernate)
- Python (Django)
- PHP (Laravel, Symfony)
- .Net (C#)

Best Practices:

- SOLID principles, Unit Testing, TDD, DDD
- MVC architecture, Design patterns (Factory, Singleton, Observer)

DevOps & CI/CD:

- Kubernetes, Docker, Jenkins, GitHub Actions
- AWS (Lambda, VPC, EC2, EKS, S3)
- Continuous Integration and Deployment (CI/CD)
- On-premises deployment, Node direct installation with PM2

Database Management:

- SQL Server, MySQL/PostgreSQL, MongoDB, DynamoDB, Redis
- Query optimization, Database design, Data normalization

Operating Systems:

- Linux-based systems
- Microsoft Windows
- macOS

Leadership & Project Management:

- Team leadership and management, Agile/Scrum methodologies
- Project planning, UAT/MVP, Product design, Technical support

EDUCATION / CERTIFICATES

Bachelor's Degree in IT

2011–2015, University of Gujrat (Pakistan)

Master's Degree in Software Engineering

2019–2021, Virtual University (Pakistan)

AWS, Docker, Jenkins, TypeScript, Google Cloud, Azure-DevOps, MEAN, Spring Boot, Firebase, PMP

WORK EXPERIENCE

ePack Technologies: Project Lead (Full Stack) @epacken.com, Dubai(UAE) | May 2023–Present

In my role as Project Lead (Full Stack) at ePack Technologies, I focus on individual technical contributions and have developed over 15 microservices, utilizing Strapi as a CMS service. My expertise lies in leveraging cutting-edge technologies to deliver high-quality solutions.

Key Achievements:

1. **Microservices Development:** Designed and developed over 15 microservices using technologies such as ReactJS, React-Native, NodeJS, TypeScript, MongoDB, NestJS, Elasticsearch, Java Spring Boot, and Python with Django.
2. **Product Roadmap and Planning:** Crafted comprehensive product development roadmaps, starting with wire-framing in Figma and designing scalable microservices and micro-frontend architectures.
3. **Technical Innovation:** Adopted best industry tools and skills to enhance product development and ensure optimal performance and scalability.
4. **Efficient Delivery:** Successfully delivered User Acceptance Testing (UAT) and Minimum Viable Product (MVP) milestones within a six-month timeframe through meticulous planning and execution.
5. **Collaboration:** Worked closely with the Product Head and CEO to ensure alignment between technology initiatives and business objectives.

My role involves a continuous commitment to technical excellence, innovation, and collaboration, ensuring our technical endeavors align seamlessly with the overarching business strategy. I am proud to contribute significantly to product development and technological advancement.

InkLing(Architect Consultant, Part Time 6 month consultation contract)

@ inkling.com, Dubai(UAE) | Dec 2022– May 2023

The client faced scalability issues due to data structure and design problems in partially decoupled modules. We enhanced application performance by improving component flow and communication, transitioning everything to microservices. We encountered challenges with old data storage and resolved them with a custom pattern. We are now working on CI/CD pipelines for all new services.

VIWELL: Senior Technology Manager(Lead Architect, Full Stack)

@viwell.com, Dubai(UAE) | Sep 2021 – April 2023

VIWELL: A life-changing journey with the aim of Enhancing Well-Being

1. In my capacity as Senior Technology Manager, I played a pivotal role in shaping the success of our technology initiatives, with key responsibilities and achievements including:
2. **Team Establishment:** Successfully initiated and established a high-performing team in Pakistan, scaling it up from inception to a robust force of 30+ professionals. Additionally, I took charge of hiring and managing a technical team in our Dubai office.

3. Technical and Architecture Support: Provided comprehensive technical and architectural support to the team, ensuring the seamless execution of projects.
4. Microservices Development: Led the development of microservices using Java Spring Boot and Node.js/TypeScript, integrating databases such as MySQL, MongoDB, and Redis. Implemented messaging systems like Kafka and RabbitMQ to enhance system efficiency.
5. Micro-Frontend Application Design: Architected the structure for micro-frontend applications using React and React Native, incorporating React Hooks for improved functionality.
6. Collaboration with Product Team: Worked closely with the product team to ensure alignment between development and product requirements.
1. Development Policies and Processes: Led the enhancement of development life cycle by implementing robust development policies and processes.
2. Agile Development: Ensured a more agile development environment, fostering quicker and more adaptive workflows.
3. Execution and Deliverable Quality: Improved execution strategies, resulting in higher quality deliverables.
4. Cost Reduction Strategies: Implemented measures to decrease costs, optimizing resources and increasing efficiency.
5. Strategic Focus: Set a proper strategy and focus for the business to align with overarching goals.
6. Architectural Improvements: Enhanced the architecture of systems for high performance, security, and device compatibility.
7. Team Awareness and Standards: Raised team awareness across all development standards, making them integral to the development process.
8. High-Performing Products: Ensured the development of high-performing products to meet user expectations.
9. Security Measures: Implemented security measures to safeguard users on all screens and devices.
10. Ease of Maintenance: Designed systems with a focus on ease of maintenance for long-term sustainability.

development team, actively participating in requirement gathering sessions to align technological solutions with business objectives.

7. Training Initiatives: Conducted multiple training sessions for the team, fostering skill development and ensuring that the team remained abreast of the latest technologies.
8. Roadmap Development: Played a pivotal role in designing roadmaps for User Acceptance Testing (UAT) and Minimum Viable Product (MVP) in collaboration with the product team.
9. Leadership Transition: Initially reported to the CTO and subsequently assumed the role of CTO for a brief period, reporting directly to the CEO.
10. ISO-27001 Certification: Actively contributed to and led the ISO-27001 certification process for our product, ensuring compliance with industry standards and enhancing the security posture of our technology infrastructure.

Head of Engineering (Architect) @ talentchain.io, Remote(Part-Time) | Jan 2022 – May 2022
Lead Full-Stack Engineer (Solution Architect) @ Avrioc.com, Abu Dhabi(UAE) | Jan 2020 – Sep 2021

It was a challenging role, the existing solution was designed in a monolithic pattern and deployed on-premise but I contribute in architect design and we decouple most of components and shifted as a services on cloud within microservices architecture.

1. Led client-side application development, ensuring progress and efficiency.
2. Designed scalable UI architecture for microservices, enhancing flexibility.
3. Spearheaded application architecture design and deployment aligned with organizational goals.
4. Worked closely with management to define specifications and system designs.
5. Built, tested, and deployed highly scalable, modular software products.
6. Streamlined deployment with continuous integration tools for faster delivery.
7. Introduced code quality document, elevating developmental methodologies.
8. Designed transactional and analytical data structures for optimal performance.
9. Modified software for error correction, hardware adaptation, and improved performance.
10. Identified and recommended new technologies/tools to enhance product value and team productivity.

Lead Full-Stack Software Engineer @ Emaar Technology, Dubai(UAE) | Nov-Dec 2020 (2 month contract for one project)

It was only a 2 month contract for one project. I was outsourced to Emaar Tech. Where my responsibilities were REST API development in PHP/Node.js.

Team Lead (Full Stack Software Engineer) @ Novus Aviation Capital, DIFC, DUBAI (UAE) | May 2018–Oct-2020

1. Responsible for all client-side applications development and progress.
2. Designed new UI modular based architecture for micro services.
3. Application architecture design deployment.
4. Worked closely with management to establish problem specifications and system designs.
5. Built, tested and deployed scaled-able, highly available and modular software products.
6. Streamlined deployment process by developing continuous integration tools.
7. Strengthened developmental methodologies by introducing a code quality document.
8. Designed and developed transactional and analytical data structures.
9. Modified existing software to correct errors, adapt to new hardware and improve performance.
10. Identified and suggested new technologies and tools for enhancing product value and increasing team productivity.

Senior Software Engineer @Nextbridge Pvt. Ltd, Lahore (Pakistan) | Dec 2015–Feb-2018

1. Worked closely with clients to establish problem specifications and system designs.
2. Streamlined deployment process by developing continuous integration tools.
3. Wrote and implemented scripts to enhance user experience and integrated scripts with the CMS.
4. Modified existing software to correct errors, adapt to new hardware and improve performance.
5. Identified and suggested new technologies and tools for enhancing product value and increasing team productivity.
6. Created, delivered and maintained scalable system architecture to support a high-availability internet site with various internal applications.
7. Oversaw major new enhancements to existing software systems.
8. Maintained existing applications and designed and delivered new applications.
9. Developed work-flow charts and diagrams to ensure production team compliance with client deadlines.

Senior Developer @Nexthon, Gujrat (Pakistan) | Aug 2013–Oct 2015

1. Designed and developed transactional and analytical data structures.
2. Modified existing software to correct errors, adapt to new hardware and improve performance.
3. Drafted comprehensive reports to document bugs and design flaws.
4. Implemented innovative systems for data collection, storage and management of customer orders.

Web Developer @Emzec, Gujrat (Pakistan) | Mar 2010–Jul 2013

1. Consistently meet deadlines and requirements for all production work orders.
2. Designed optimized and usable interfaces for financial applications.
3. Created wireframes, screen-flow diagrams and UI spec documentation.
4. Identified and eliminated website bugs to improve user experience