

Bharat Shah

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GitHub: github.com/b-limitless | **Notice Period:** 2 months

Summary

Principal Software Engineer & Cloud Architect with 13+ years of experience designing scalable, secure, and cost-efficient software systems. AWS Certified Solutions Architect with a strong track record of applying architectural principles – including operational excellence, security, reliability, performance, and cost optimization – to build resilient, high-impact solutions. Skilled at translating complex business needs into clean, maintainable systems.

Recognized for creating environments where engineers grow professionally, fostering technical excellence, and aligning architecture with long-term product and business goals. Passionate about mentoring, collaborative leadership, and driving innovation at scale.

Cloud & DevOps

AWS (EC2, S3, CloudFront, ALB/NLB, Lambda, SQS, SNS, EventBridge, CloudWatch, DynamoDB, Kinesis, VPC, IAM, Route 53, Global Accelerator, WAF, Shield, KMS, Aurora, ECS, EBS, EFS), Docker, Networking (Subnets, IGW), Linux/Windows Systems

Backend

Node.js, TypeScript, Go (Golang) – Since 2023, PHP, Python, NestJS, ExpressJS, Laravel, PostgreSQL, MySQL, MongoDB, Redis, Microservices, Kubernetes, Kafka, RabbitMQ

Frontend

React.js, Next.js, TypeScript, HTML5, CSS3, SCSS, Webpack, Micro-Frontends, Figma, MUI, Tailwinds

Methodologies & Development Tools: Proficient in Agile, Scrum, TDD, GitHub Actions, GitOps, Gitlab.

Leadership & Organizational Skills

- Known for mentoring engineers and cultivating high-performing, growth-driven teams.
- Skilled in mentoring engineers, scaling teams, and aligning technical strategy with business goals.
- Customer-centric with a strong track record of stakeholder management, clear communication, and team collaboration.
- Experienced in collaborating with compliance and regulatory bodies (e.g., ADGM, FSRA) to ensure system architecture aligns with licensing and security standards.
- Committed to continuous learning, fostering innovation, and aligning engineering practices with emerging technologies and business evolution.
- Identify opportunities for process improvements and advocate for technical innovations.

Experiences

Principal Software Architect – Back-end – 06/2024 – Contract – Present

Avrioc Technologies – Abu Dhabi – UAE

- Architect scalable, high-performance solutions using TypeScript, React.js, Nest.js, and AWS.
- Lead and mentor development teams, fostering best practices and technical excellence.
- Design and optimize AWS services (Lambda, EC2, RDS, S3, ECS, Route 53, SQS, CloudFront, Load Balancers, Global Accelerator) for performance and cost efficiency.
- Collaborate closely with stakeholders to translate business needs into effective technical solutions, and coordinate with DevOps for seamless deployments.
- Ensure application performance, security, and compliance through regular audits and proactive optimizations.
- Research, evaluate, and integrate emerging technologies to enhance scalability, efficiency, and innovation.
- Integrated emerging technologies and architectural innovations to enhance scalability, developer velocity, and product agility.

Senior Software Architect – Back-end – Freelancer 05/2023 – 05/2024

Fiverr – Sharjah – UAE

- Architected a full-stack solution to automate end-to-end tailoring business operations including orders, customization, payments, and customer integration.
- Built scalable, microservice-based backend with TypeScript, Node.js, PostgreSQL, RabbitMQ, and AWS.
- Developed performant frontends using React.js, Micro Frontends, SCSS, MUI, and Storybook.
- Practiced TDD with Jest & Cypress; automated CI/CD with GitHub Actions.
- Delivered a resilient and efficient system with strong emphasis on performance, maintainability, and user experience.

Senior Software Architect – Back-end – | 01/2022 – 02/2023 (Remote)

GetBee LLC, UAE, Dubai

- Led architecture and development of scalable features across the stack, including frontend visualization tools and backend integrations.
- Built reusable components and contributed to design system adoption, improving delivery team velocity.
- Defined KPIs and engineering metrics to drive continuous improvement and execution clarity.
- Partnered with cross-functional teams to deliver maintainable solutions aligned with UX and product goals.

Senior Software Architect – Back-end – | 04/2019 – 12/2021

Wealthface LLC, Dubai, UAE

- Led end-to-end architecture and development of scalable investment platform features using PHP, Node.js, and React.js.
- Collaborated closely with leadership and product teams to align technical execution with evolving business goals.
- Oversaw cloud infrastructure and optimization efforts on AWS, ensuring system reliability and performance under growth.
- Actively mentored engineers and enforced clean code, testing, and documentation standards across teams.

Software Architect – | 12/2017 – 01/2019

Toptal, Abu Dhabi, UAE

- Developed full-stack applications using Node.js, React.js, Redux, and MongoDB, deployed on

cloud-based infrastructure.

- Designed RESTful APIs and contributed to foundational infrastructure and automation.
- Designed, implemented, and used RESTful web services
- Supported DevOps practices by managing environments using NVM, NPM, and MERN stack configurations.

Freelance & Self-Development | 07/2016 – 11/2017

Focused on personal projects and skill development in preparation for future opportunities.

Senior Backend Developer | 07/2013 – 06/2016

Crossover Pvt. Ltd, Kathmandu, Nepal

- Consulted regularly with customers on project status, proposals, and technical issues
- Transformed existing software to correct errors, upgrade interfaces, and improve efficiency
- Collaborated diligently with other IT team members to plan, design, and develop smart solutions

Backend Engineer 02/2011 – 03/2013

Uniweb Technologies Pvt. Ltd, Kathmandu, Nepal

- Lead and mentor a team of backend developers
- Design and develop scalable and reliable backend systems and APIs
- Collaborate with cross-functional teams to deliver optimal solutions
- Architect and optimize databases for efficient data storage and retrieval

Web Developer | 04/2010 – 12/2010

Senior Solution Specialist | 04/2009 to 04/2010

Thakur International, Kathmandu, Nepal

Solution Specialist | 03/2006 to 01/2009

Ncell Pvt. Ltd, Kathmandu, Nepal

Education

Bachelor's Degree in Business Study

Tribhuvan University, Institute of Medicine – 2008 – 2014 Kathmandu, Nepal

Informal education in computer science

Languages

- English: Fluent Speaking, Writing, and Listening
- Norwegian: Fluent Speaking, Writing, and Listening
- Nepali: Fluent Speaking, Writing, and Listening

References

Available upon request

Driving License

UAE