

Sanjay Patoliya

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PROFESSIONAL SUMMARY:

Senior Software Developer specializing in building scalable, cloud-native applications. AWS Certified Solutions Architect with strong expertise in React, FastAPI, and modern cloud architectures. Proven track record of delivering high-performance systems, optimizing infrastructure, and implementing DevOps best practices. Specialized in microservices, system design, and infrastructure as code. Open to remote opportunities and global collaboration.

CORE SKILLS:

Frontend: Angular, React, TypeScript, RxJS, NgRx, JavaScript (ES6+), Bootstrap

Backend: Node.js, NestJS, Express, FastAPI, PHP

AWS: Lambda, API Gateway, DynamoDB, EC2, S3, VPC, Fargate, CloudFormation, CDK, CodePipeline

Databases: DynamoDB, MongoDB, MySQL

Testing: Cypress, Jest, Jasmine, Karma

AI/ML: Amazon Textract, Comprehend, Rekognition, Bedrock

Tools: Github Copilot, Claude Code

PROFESSIONAL EXPERIENCE:

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Role: Senior Software Developer

Jul 2025 - Present

- Designed and developed scalable backend systems using FastAPI and NestJS
- Built event-driven microservices to process asynchronous workloads via Amazon SQS
- Developed high-performance REST APIs for internal and client-facing systems
- Deployed cloud-native services on AWS using AWS CDK with automated CI/CD pipelines
- Collaborated with product and design teams to deliver seamless user experiences
- Ensuring code quality through testing, code review, and deployment automation

Nextbits Inc (Boston - United States) On-Site

Role: Software Developer

Dec 2022 – Mar 2025

Client: Best Buy

- Built 30+ production serverless APIs using AWS Lambda, API Gateway, and DynamoDB
- Created Typescript reusable components and services to consume REST API's using Component-based architecture provided by Angular
- Upgraded the Symfony framework applications and artifact bundles to the latest version
- Added PHP Unit tests and Acceptance Tests using Codeception
- Setup azure-pipeline.yml to run the tests
- Implemented infrastructure as code using Terraform to automate cloud resources
- Configured CI/CD pipelines for automated deployments using AWS CodePipeline
- Unit testing implemented using Jasmine framework and Karma test runner
- Implemented end-to-end testing using cypress

Client: CallPass

Aug 2021 - Nov 2022

- Developed UI for an asset tracking system using Angular, HTML5, CSS3, JavaScript, jQuery, AJAX, and JSON
- Implemented reactive programming using RxJS, NgRx, Observables, and Subjects to simplify asynchronous workflows
- Built responsive web pages using Bootstrap, Syncfusion, and Gridster components
- Implemented HTTP communication using RxJS Observables to handle asynchronous data streams
- Developed dashboards with custom widgets for reports and data visualization
- Followed Test-Driven Development (TDD) practices using Cypress

Teclogiq (Ahmedabad)**Role: Full Stack developer****Apr 2018 – Jul 2021**

- Designed and developed a user-friendly admin dashboard for beacon location tracking and device range monitoring using Angular
- Developed a user-friendly dashboard for a travel agency to manage passengers (PAX), transport, events, and locations using Angular with NgRx, RxJS, and Zorro components
- Built custom Nextcloud (PHP) applications for selling digital products and video sessions with watermarking, custom player interactions, and theme customization using the LAMP stack
- Integrated multiple microservices with custom Nextcloud applications using REST APIs, RabbitMQ message broker, and Keycloak SSO
- Developed REST APIs using NestJS (Node.js) and integrated them with Angular frontend
- Implemented OpenAPI specifications for REST APIs

Alteatec IT Solutions Pvt. Ltd (Pune)**Role: Senior Front end developer****Apr 2013 – Mar 2018**

- Led a front-end team of 3 developers for multiple sports betting platforms
- Designed dynamic, cross-browser compatible web applications using HTML, CSS, jQuery, JavaScript, and AngularJS
- Built single-page applications (SPA) using AngularJS modules, controllers, and directives
- Developed user-friendly sportsbook interfaces using AngularJS, designed for integration across platforms via iframe
- Implemented real-time odds updates using WebSockets
- Integrated slot machine games for casino platforms
- Developed mobile-friendly applications using Sencha Touch

Earlier Experience (2006 – 2012)

PHP Developer roles across multiple companies working with LAMP stack, custom CMS, WHMCS modules, crawlers, shopping carts, and backend admin panels.

Education:

Master of Computer Applications, Gujarat University (Gandhinagar) Jun 2003 — May 2006

Bachelor of Science, Sardar Patel University (Vallabh Vidyanagar) May 2000 — May 2003

Certifications:

[AWS Certified DevOps Engineer – Professional](#)

[AWS Certified Developer – Associate](#)

[AWS Certified SysOps Administrator – Associate](#)

[AWS Certified AI Practitioner](#)

[AWS Certified Solutions Architect – Professional](#)

[AWS Certified Solutions Architect – Associate](#)

[AWS Certified Data Engineer – Associate](#)