

MAHENDRA JELLA

Full-Stack Developer – React | Typescript | Node.js | Cloud

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United Kingdom

Summary

Experienced Full Stack Developer with 12+ years of expertise in building scalable end-to-end web applications. Strong knowledge in frontend technologies like React, TypeScript, and CSS paired with backend development skills in Node.js, PHP, and Java. Proven ability to deliver cloud-based solutions using AWS Lambda, API Gateway, and Serverless Framework. Committed to delivering user-friendly applications with a focus on accessibility, performance, and maintainability. Comfortable working in Agile teams and deploying frontend apps on cloud platforms like AWS using CI/CD pipelines.

Technical Skills

◆ Frontend Development

React, TypeScript, JavaScript, Redux, jQuery, HTML5, CSS3, Accessibility, SASS, Tailwind, Material UI, Storybook

◆ Testing & Quality

Jest, React Testing Library, Playwright, TDD (Test Driven Development)

◆ Backend Development

Node.js, Express.js, PHP, Java, Spring Boot

◆ Cloud & DevOps

AWS (Lambda, API Gateway, S3, Step Functions, SSM Parameter Store), Serverless Framework, Docker, Microservices, CloudFormation, Message Queues (SQS/RabbitMQ)

◆ Databases

MySQL, PostgreSQL, SQL Server, MongoDB, DynamoDB, Redis

◆ APIs & Services

REST, GraphQL, SOAP, JSON, XML

◆ Tools & CI/CD

NPM, PNPM, Webpack, Vite, GitLab, Bitbucket, Jira, CI/CD Pipelines

◆ Monitoring & Auth

Datadog, CloudWatch, Auth0, JWT

◆ Development Practices

Agile, Scrum, SAgile Agile

Certifications

- Earned LinkedIn Skill Assessment badge for the following skills: JavaScript, Node.js, React.js and PHP
- Safe Agile Certified

Work Experience

Sky UK - *Senior Developer*

Jan 2024 – Present

- Contributed to enhancing the SKY call center and retail agent application, improving customer query resolution and sales handling capabilities.
- Developed and optimized both the front-end and back-end platforms for call center agents managing customer queries and sales.
- Collaborated with SKY's Mobile team to build React components for sales journeys and the customer portfolio hub.
- Ensured compliance with WCAG standards to deliver accessible and inclusive front-end designs.
- Extensively utilized GraphQL with Apollo Server for efficient data querying and state management.
- Developed middleware functions for seamless communication between front-end and back-end microservices.
- Utilized Jest/Playwright for writing unit and integration tests.
- Gained a strong understanding of Docker, Jenkins, and other DevOps tools.
- Served as a trainee core maintainer for the front-end project, conducting code reviews to ensure code quality and consistency across multiple teams.
- Safe Agile certified.

Passport Inc – Software Engineer – 3

Aug 2022 – May 2023

- Developed scalable and efficient microservices using JavaScript, Node.js, React, Redux, TypeScript, Express, REST, Auth0, JWT, Datadog, DynamoDB, MySQL, Docker, CloudFormation, AWS (Lambda), and Serverless.

- Integrated third-party services, APIs, and libraries to enhance functionality and deliver seamless user experiences.
 - Configured and implemented Kafka within the Node.js project to facilitate reliable message exchange between producers and consumers.
 - Utilized Jest for unit testing and React Testing Library to ensure maximum code coverage.
 - Actively participated in code reviews, enhancing code quality, optimizing performance, and promoting industry best practices.
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Publicis Sapient (Client: Sunbelt Rentals) – Full Stack Developer

Aug 2021 – Mar 2022

- Developed and maintained RESTful APIs using Node.js, TypeScript, Express.js, MongoDB, and SQL, ensuring smooth data exchange between front-end and back-end systems.
 - Developed front-end components with React.js, Redux, TypeScript, Context API, React Router, and Form libraries, adhering to UX-provided Figma designs.
 - Implemented dynamic forms for data input and validation, ensuring a seamless user experience.
 - Adhered to Agile methodologies and played a key role in driving the efficient and successful delivery of projects.
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True Tech (Client: Olam) – Lead Developer

Feb 2018 – May 2021

- Developed and maintained web applications using TypeScript, React, Redux, Node.js, JavaScript, Express, HTML, CSS, PHP, Magento, NoSQL, SQL, Docker, CloudWatch, IaC, and AWS serverless services (Lambda, Step Functions, API Gateway).
 - Designed and implemented GraphQL schemas, resolvers, and mutations to enable efficient data retrieval.
 - Integrated third-party payment gateways, shipping APIs, and inventory management systems for a seamless shopping experience.
 - Optimized application performance by implementing caching mechanisms and database indexing.
 - Implemented security measures, including input validation and protection against XSS and SQL injection attacks.
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Kensium – Senior Developer

Jul 2016 – Feb 2018

- Successfully migrated Magento projects from EC2 to Magento Cloud, enhancing performance and scalability.
 - Developed features using PHP, Magento, JavaScript, HTML, CSS, and SQL, applying Design Patterns, ORM, REST/GraphQL, Payment Gateways, and Shipping APIs.
 - Integrated orders from Magento to PI/SAP ECC systems, ensuring smooth data synchronization between platforms.
 - Created plugins to extend Magento's core functionality, enabling customized business logic and workflows.
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Rrap (Huawei) – Senior Web Developer

Jan 2015 – Jul 2016

- Developed frontend pages based on design requirements using JavaScript, Bootstrap, Carousell, HTML, CSS, and Sass/Less.
 - Migrated data from Magento 1 to Magento 2, ensuring data integrity across stores, products, attributes, categories, customers, sales, and reviews.
 - Utilized SVN and Git for source code management.
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Incipio – Software Developer

Feb 2013 – Jan 2015

- Contributed to the design and development of an Ecommerce application using the Laravel framework.
- Developed custom modules to meet functional requirements, ensuring seamless integration within the Laravel framework.
- Implemented REST and SOAP web services for communication and data exchange between different systems and platforms.