

# Mithun Khadka

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## Details

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## Profile Summary

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- Full Stack Developer with over 2 years of professional experience in designing and implementing robust web applications using Node.js and React.js.
- Skilled in serverless architectures, cloud solutions, and leveraging AWS services like Lambda, SQS, and DynamoDB to create scalable, efficient, and cost-effective systems.
- Proficient in React.js, including state management with Redux Toolkit, and adept at enhancing user interfaces with modern web technologies.
- Passionate about problem-solving, optimizing workflows, and staying updated with emerging technologies to deliver impactful and high-quality software solutions.

## Technical Skills

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**Programming Languages:** JavaScript, HTML, CSS.

**Frameworks & Libraries:** Node Js, React Js, Express Js, Serverless, Material-UI, Redux Toolkit.

**AWS Services:** Lambda, SQS, DLQ, DynamoDB, CloudWatch.

**Database Technologies:** MongoDB

**Tools & Platforms:** Contentful CMS, Postman, Bitbucket, Jira, Confluence.

**DevOps & Infrastructure:** Docker, Terraform by HashiCorp.

**Testing Frameworks:** Mocha, Chai

## Work Experience

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## **Buzzclan Info Service Pvt Ltd**

### **Full Stack Developer**

**Client :** Neiman Marcus (USA)

**Project Title :** Communication Hub

**Stack :** Node Js, React Js, Serverless, Aws, Lambda, SQS, DLQ, DynamoDb, CloudWatch, Contentful CMS, Postman, Bitbucket, Jira, Confluence, Mocha, Chai

**Description:** Developed a system to manage email content and layouts using the Contentful CMS. The Contentful templates (in JSON format) were transformed into HTML and utilized to send emails to customers via SendGrid. Dynamic placeholders in the templates were replaced with real-time data. The process involved multiple microservices, each handling specific tasks, culminating in the successful delivery of emails to customers.

### **Roles & Responsibilities:**

- Analyzed and understood technical requirements.
  - Designed Infrastructure as Code (IaC) using the Serverless Framework to provision resources on AWS Cloud.
  - Facilitated communication between microservices through Amazon SQS.
  - Developed multiple microservices using AWS Lambda with Node.js.
  - Configured CloudWatch Alarms and SNS topics for monitoring and notifications.
  - Handled database operations with Amazon DynamoDB.
  - Managed application logs in AWS CloudWatch using the Winston library.
  - Administered email content using Contentful and converted JSON templates from Contentful into HTML.
  - Implemented encryption and decryption processes using AWS KMS.
  - Wrote and maintained unit tests with Mocha and Chai.
  - Participated in daily Scrum meetings to ensure project alignment and progress.
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## **Buzzclan Info Service Pvt Ltd**

### **Full Stack Developer**

**Client :** USA Government

**Project Title :** GTA (Geo Ticket Assist )

**Stack :** React Js, Node Js, Express Js, MongoDB

**Duration :** Dec 2022 - June 2023

### **Roles & Responsibilities:**

- Developed backend APIs using **Node.js** and **Express.js**.

- Implemented user authentication and authorization using JWT (JSON Web Token).
- Validated API request payloads using the Joi library to enforce schema validation and ensure data integrity.
- Developed user-focused healthcare and job listing portals, enhancing search functionality through geolocation-based.
- Filtration and integrating dynamic content via API to improve accessibility and user experience.
- Revamped application interfaces using Material-UI, implementing modern design trends to enhance usability, which led to a more intuitive user experience and improved system responsiveness.
- Built and optimized GTA dashboards, designing key data visualization components that reduced page load times by 20%.
- Improving the platform's performance and accessibility.
- Co-ordinating with cross-functional teams to ensure timely, high-quality project deliveries.

## Awards & Achievements

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- Led and organized sports and technical events in college and within the company, showcasing leadership and coordination skills.

## Education

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Bachelor of Engineering | Savitribai Phule Pune University | JSPM ICOER, Pune | 2016 – 2020 | CGPA: 7.43 (FIRST CLASS)