

UDIT BHANOT



SR. SOFTWARE
ENGINEER

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PROFESSIONAL SUMMARY

Accomplished **Senior Software Engineer** with 7+ years of experience in **cross-platform** development, **micro-frontends**, and API integration. Proficient in **React Native, React, Spring Boot**, and **automation frameworks**. Proven expertise in **cost optimization**, driving a **15% increase in app engagement**, and leading **Twilio** cost-cutting efforts. Adept at building scalable micro-frontends to enhance modularity and team collaboration.

CORE COMPETENCIES

- **Programming Languages & Tools:** JavaScript, TypeScript, Python, Java.
- **Frameworks:** React Native, React, Node.js, Micro-frontend Architecture, Spring Boot.
- **Cloud & Databases:** AWS, Firebase, MongoDB, PostgreSQL.
- **APIs & Integrations:** Twilio, Firebase, REST APIs.
- **Testing & Automation:** Selenium, Cypress, Jest, Mocha, Appium.
- **Project Management:** Agile, Scrum, Jira, Trello.

PROFESSIONAL EXPERIENCE

Senior Software Engineer
EV Connect – Los Angeles, CA
February 2021 – Present

- Spearhead cross-platform development for **React Native** mobile apps, **React** web apps, and **Spring Boot** APIs.

- Led **micro-frontends** initiative, restructuring the frontend architecture for improved modularity and enabling parallel development across teams.
- Integrated **Firestore push notifications**, driving a **15% increase in active user engagement**.
- Implemented **Pendo** for **user behavior analytics** and **Phrase** for **text translation**, contributing to data-driven product decisions.
- Developed automated **email notification templates** using **Thymeleaf**.
- Managed end-to-end **deep linking** project, improving app navigation flow and user experience.
- Streamlined release management and migrated **AWS secrets** to **MongoDB** for enhanced data security.
- Led **Twilio cost-cutting initiative**, reducing communication service costs by **20%** through optimization of notification flows.
- Conducted **code reviews** and mentored junior engineers on best practices for maintainable and scalable codebases.

Frontend Engineer

GoGuardian – Los Angeles, CA

January 2020 – January 2021

- Engineered and maintained **React** web applications focused on user engagement and classroom management tools.
- Partnered with designers and backend teams to create intuitive **user interfaces**, ensuring high performance and scalability.
- Conducted extensive **code reviews** and optimized UI/UX components, enhancing the overall **developer velocity** and app quality.

Software Engineer

Hopscotch – Los Angeles, CA

May 2017 – December 2019

- Built robust **automation frameworks** that reduced manual testing efforts by **40%** and decreased regression test cycle times.
- Enhanced **regression test coverage**, improving deployment confidence and minimizing production defects.
- Collaborated closely with cross-functional teams to align testing strategies with **business objectives** and product roadmaps.

EDUCATION

Master of Science in Computer Science

Florida Institute of Technology – Graduated: 2016

CERTIFICATIONS

Full Stack JavaScript – Treehouse (April 2021)

KEY PROJECTS

Micro-Frontends Initiative

Lead Engineer

- Redesigned the frontend application architecture into **micro-frontends**, enabling independent deployment pipelines and improved team collaboration.
- Achieved a **25% reduction** in build times and faster feature releases due to modularized code structure.

Twilio Cost Optimization

Technical Lead

- Identified inefficient **SMS/MMS notification flows** and optimized the notification system, resulting in a **20% reduction** in Twilio expenses without compromising performance.

Firebase Push Notification Implementation

Technical Lead

- Integrated **push notifications** across mobile platforms, resulting in a **15% increase** in active users and improving engagement metrics.
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AWARDS & RECOGNITIONS

- **Team MVP – EV Connect (2023):** Recognized for excellence in leading multi-platform projects and contributions to team success.
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PERSONAL INTERESTS

- **Gaming:** Enjoys strategic multiplayer games that foster skill development and teamwork.
- **Fitness:** Engages in regular gym routines, focusing on strength and cardio training.
- **Exploration:** Enjoys daily walks to stay energized and maintain mental clarity.