

# ABHISHEK SINGH

Software Engineer

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## SUMMARY

I am a software engineer with expertise in React and AWS, focused on building scalable, high-impact products. I've delivered features used by 1M+ users, increased doctor acquisition by 10%, and led critical projects in healthcare and finance, including risk assessment tools and UI component systems.

**Life Philosophy:** Fail fast. Learn fast. Improve fast.

## EXPERIENCE

### Software Engineer

[Moody's Analytics \(RMS\)](#)

Bangalore, India

09/2024 - Present

A risk analytics platform that helps insurers assess and manage catastrophe and climate-related risks.

- **Designed, developed, and took complete ownership of Workflow Builder** — a feature used by underwriters to create and run custom risk assessment templates based on input. Streamlined the process by combining template creation and execution, resulting in adoption by 3 new partner teams post-launch.
- **Built RadGrid**, a custom theme wrapper on ag-Grid tailored for Moody's, and **created reusable renderers and editors** that helped 5 teams standardize their UI components.
- **Implemented the complete end-to-end Playwright testing setup, established standardized test-writing patterns** to ensure coding consistency, and **wrote mock and integration tests** for Workflow Builder and two additional features.

### Software Engineer

Bangalore, India

[Eka.care](#)

05/2022 - 09/2024

A healthcare platform that connects doctors and patients efficiently

- **Created the ABHA Creation and Linking flow**, enabling doctors to create/link ABHA addresses for patients and associate medical documents. **Impact:** Over 1 million ABHA addresses linked within 1.5 years.
- Implemented **DIY Editor**, a customizable HTML template engine used across all services to generate PDFs from HTML, supporting 7,500+ prescriptions daily and driving 80+ new doctor adoptions monthly.
- **Researched and developed the Growth Chart feature**, enabling pediatricians to monitor and track children's physical progress over time. This tool provides visual representations of growth metrics, aiding in early detection of potential health concerns and supporting informed clinical decisions. After launching, 50 pediatricians started using it in the first month, and the user base has been growing about 10% each month since.
- **Owned the architecture and development of the Medical Calculators feature**, a JSON-driven system that dynamically generates input fields, processes data, and provides outputs for various health metrics. This feature has been integrated into the clinical workflows of over 150+ healthcare professionals, enhancing decision-making and efficiency.
- **Built the Doctor Referral Network**, facilitating in-app referrals among doctors with real-time notifications for both doctors and patients. **Added a referral dashboard** to track referral activities, contributing to a **10% increase in doctor acquisition and EMR sales**.

### Software Engineer

Bangalore, India

[Bigbasket](#)

07/2021 - 05/2022

An online grocery delivery service in India

- **Enhanced user interfaces for BB2.0** with responsive components, ensuring a seamless shopping experience across devices for a user base of 20 million.
- **Streamlined administrative processes** by creating an internal Admin Page, improving operational efficiency and adopted by 6 internal teams.

### Solutions Architect Intern

Bangalore, India

[Amazon Web Services](#)

01/2021 - 07/2021

A subsidiary of Amazon providing on-demand cloud computing platforms

- **EKS Cost Calculator (POC):** Engineered a proof-of-concept tool that analyzes EC2 instance combinations to optimize Amazon EKS costs, providing insights into potential savings and resource allocation strategies.
- **Completed Solutions Architect client interaction training** and shadowed AWS SAs, gaining hands-on experience by engaging with 2 clients.

## EDUCATION

### M. Tech

Bangalore, India

International Institute of Information Technology Bangalore

07/2019 - 07/2021

### B.E

07/2014 - 07/2018

Shri Shankaracharya Engineering College

## ACHIEVEMENTS

### Best Team Award

Received the Best Team Award for my contributions to the development of an iPad app, which helped to acquire an additional 150 doctors within a month

### GATE CSE 2018

Achieved AIR 414 in GATE CSE 2018

## SKILLS

**Programming:** React, JavaScript, Vue, Node.js, Express.js

**Databases:** MongoDB, MySQL

**Developer Tools:** Git, CI/CD, REST APIs, Kubernetes

**UI frameworks:** Tailwind CSS, AntD, AG Grid

**Test Tools:** Playwright, Jest

## CERTIFICATIONS

AWS CCP, AWS SAA