

Prashanth Prakash

Software Development Engineer

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SUMMARY

Software Development Engineer with 6 years of professional experience in building web applications primarily using React, TypeScript, Java, MySQL, Node.js, and AWS. In my previous roles, I have created software tools to simplify the work of support teams by automating repetitive tasks, developed tools to migrate data from Oracle DB to MongoDB, and redesigned a database schema in an enterprise SaaS product to improve SQL query performance by 30 percent. I am always keen on learning new technologies, and I adapt to them very quickly. I am often recognized for my analytical and problem-solving skills, and I enjoy working in a fast-paced environment. Currently, I am looking for an engineering role focused on UI/Frontend development to solve more complex problems, help products make a bigger impact, and grow professionally. I can communicate fluently in English, Kannada, and Hindi, and I am currently working as a Software Developer at IBM, based in Dublin, Ireland.

RELEVANT SKILLS

React, TypeScript, JavaScript, HTML, CSS, JEST Testing, Redux, Webpack, Material UI, Node.js, Java, SQL, MySQL, PostgreSQL, Redis, AWS, Git, Web development

EXPERIENCE

Software Engineer 2

Dublin, Ireland

IBM

07/2025 - Present

I was very fortunate to have been given an opportunity to work in IBM Ireland's Apptio team through IBM's global relocation program. I was delighted to work in a diverse team and learn about Ireland's work culture.

- As a lead UI-focused developer, one of my key objectives in Ireland was to share my knowledge of IBM Apptio planning product features, established coding practices, and key learnings with a growing team, while helping them ramp up, adapt to the product SDLC, and enhance overall team performance.
- Improved the navigation the the app by converting single select to multi select from menu options. This along with caching the user selection improved the UX and filter capabilities in the app to view data from different granularities. I owned the end to end development in frontend and backend (to implement caching and design some SQL queries).
- Mentored an Intern to implement custom hyperlink implementation in Ag-Grid table.
- Other responsibilities include code reviews, critical bug fixes, support during on call duty and keeping team's Jira clean.

Software Development Engineer 2

Bengaluru, India

Apptio, an IBM company

10/2022 - 07/2025

After proving myself as a very capable Developer I was given the opportunity to progress to an intermediate level developer role where I progressed in designing features which are scalable and easy to maintain and participate in discussions with product managers to implement new product features.

- As one of the owner of frontend code base, I was tasked to improve UI and performance and implement complex features in UI
- Designed and developed access control feature where admins control visibility of project financials across different project personas. Code changes had a big code footprint which allowed me to understand the app design better. Developed new UI pages and reusable components and backend APIs.
- Implemented feature that tracks resource allocation across different projects with heat map visualization in Ag-grid. This resulted in better resource allocation. and avoid over/under allocation of resources
- On of my key contribution is redesigned schema of MySQL database tables to improve query performance by 30 % and also participated in migrating to PostgreSQL where I updated our java-sql APIs.
- Migrated UI pages from Durandal to React using Apptio's UI library and contributed many components to the library as well.
- Other responsibilities include on-call support for critical issues, participating in design reviews, and code reviews.
- Recognitions: Received the 'Ace of the Quarter' award.

EXPERIENCE

Software Development Engineer 1

Bengaluru, India

[Apptio, an IBM company](#)

10/2021 - 09/2022

Apptio now a part of IBM product portfolio, provides a technology business management solutions and products to help organizations manage their technology investments. Through this opportunity I learnt advanced React concepts and better code practices. Also, got opportunity to code in java as well.

- Primary objective was to learn about the product and its code structure and Initially I fixed bugs reported by the customers.
- Developed a small feature in the app to allow users to give custom display names for dimensions used by financial line items.
- Developed a feature for delegating the depreciation cost to a different project while generating a financial line item from a cost object.
- I was a primary contributor for MVP on-time release, where we had to fix all of the bugs discovered in QA. Also, resolved maximum issues in a Bug Blitz.
- Recognitions: Received the 'Ace of the Quarter' award.

Member of Technical Staff

Bengaluru, India

[NEC Corporation India Pvt Ltd](#)

07/2019 - 10/2021

NEC provides software solutions across diverse domains such as aviation, retail, and IoT. I was fortunate to begin my career working on enterprise-grade retail POS (Point of Sale) applications used by thousands of 7-Eleven stores across the United States.

- Delivered fixes for critical application defects by performing thorough root cause analysis and implementing effective workarounds when required.
- Designed and developed an application component to apply promotional discounts to eligible inventory items and accurately distribute the bill amount across participating items.
- Built a web application using ReactJS and Node.js to support the operations team, enabling seamless retrieval of data from multiple systems such as POS and inventory, and automating job executions for report generation—significantly reducing manual effort and turnaround time.
- Developed a Node.js-based data migration application to transfer data from Oracle to MongoDB, leveraging AWS Lambda for scalable execution.
- Recognized with 'GEM Award' in NEC annual awards-2021.

EDUCATION

Bachelor of Engineering (B.E)

Bengaluru, India

Bangalore Institute of Technology

07/2015 - 06/2019

AWARDS AND RECOGNITIONS

[Ace of the Quarter \(Apptio\)](#)

Received the 'Ace of the Quarter' award for demonstrating exceptional performance in delivering features with speed and quality

[GEM Award \(NEC\)](#)

Won the 'GEM Award' for outstanding contributions to the NEC Corporation during annual awards