

# PRATHMESH PATHAK

SENIOR SOFTWARE ENGINEER

## DETAILS

**ADDRESS**

Malvern, PA  
United States

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## SKILLS

Analytics

● ● ● ● ●

Writing

● ● ● ● ●

Data Science

● ● ● ● ●

PostgreSQL

● ● ● ● ●

Dashboard

● ● ● ● ●

Advanced Analytics

● ● ● ● ●

Data Processing

● ● ● ● ●

Scalability

● ● ● ● ●

Data Pipelines

● ● ● ● ●

Project Management

● ● ● ● ●

Agile

● ● ● ● ●

User Experience Design  
(UX)

● ● ● ● ●

JavaScript (Programming  
Language)

● ● ● ● ●

Angular (Web Framework)

● ● ● ● ●

## PROFILE

- Experienced **Software Engineer** with **7+ years** of expertise in **React- , Angular, Figma, and Adobe XD**, specializing in crafting responsive, **user-centric** interfaces that align with current market trends. **Renowned for developing** intuitive and visually appealing digital solutions, **enhancing user engagement** and satisfaction **through a strategic, data-driven approach** while continuously adapting to new technologies.
- **Proficient in collaborating** with business users to gather and analyze **business requirements**, translating them into **functional** and **technical** design specifications.
- Skilled in **Agile methodologies**, including **Extreme Programming, Waterfall Model, and Test-Driven Development**, with extensive experience in writing **Frontend/UI** web applications using technologies such as **HTML5, CSS3, JavaScript, jQuery, Bootstrap, Backbone, AngularJS, ReactJS, AJAX, and JSON**.
- **Hands-on experience** in creating components and documentation using **ReactJS**, with expertise in features like **Components and Reduce Architecture**, and significant experience in using frameworks such as **AngularJS, Node.JS, and React** for developing **Single Page Applications (SPA)**.
- Proficient in utilizing **unit** and **integration** testing frameworks and libraries like **Jasmine, Mocha, and Karma**, and experienced with web development tools such as **Adobe Dreamweaver, Eclipse, and Firebug**.
- Experienced with version control tools like **Git** and **SVN** for source code management and merging after project releases, and well-versed in IDEs like **Eclipse, JSfiddle, and Microsoft Visual Studio**.

## PROFESSIONAL EXPERIENCE

### Lead UI Engineer, Vanguard - Contract

Malvern

May 2023 — Present

- Led **UI/UX design** and implementation using **React** and **Angular**, boosting user engagement by **20%** and **reducing** bounce rates by **15%**.
- Authored **unit tests** in **Python**, achieving **95% code coverage** and **reducing** post-deployment **bugs by 40%**.
- **Implemented** Okta-based **authentication** and **authorization**, enhancing security for over 1000 users.
- Managed an **8-member development team**, ensuring on-time project completion and a **15% budget saving** through agile and CI/CD practices.
- Led the **design** and **prototyping** of user interfaces for a web application using **Figma**, ensuring a **seamless** and **intuitive** user **experience** across **web** and **mobile platforms**.
- Identified and **fixed critical vulnerabilities** in web applications, **cutting** risk exposures by **50%**, ensuring **secure, reliable** transactions
- Developed a **RESTful API** that **integrated** with existing **systems**, resulting in a **40% reduction** in manual data entry
- **Utilized object-oriented programming** to create a **reusable** code base, resulting in a **50% reduction in development time**

React.js  
● ● ● ● ●

Node.js  
● ● ● ● ●

TypeScript  
● ● ● ● ●

VUE JS  
● ● ● ● ●

Next JS  
● ● ● ● ●

Adobe XD  
● ● ● ● ●

Figma  
● ● ● ● ○

Python  
● ● ● ● ●

OAuth2  
● ● ● ● ○

Amazon Web Services  
● ● ● ● ●

SQL  
● ● ● ● ●

Java  
● ● ● ○ ○

Oracle  
● ● ● ● ●

SONAR (Symantec)  
● ● ● ○ ○

Code Coverage  
● ● ● ● ●

Java Unit Test  
● ● ● ○ ○

Kubernetes  
● ● ● ● ●

Jenkins  
● ● ● ● ●

Docker (Software)  
● ● ● ● ●

Bamboo Deployment  
● ● ● ● ●

Software Development  
● ● ● ● ●

Rest API  
● ● ● ● ●

Backend  
● ● ● ● ●

## LANGUAGES

English

## Frontend Developer, JP Morgan - Contract

Jersey City

Aug 2021 — Mar 2023

- **Reduced bugs by 50%** through code coverage monitoring and quality checks in **CI/CD** pipeline using **Jenkins**.
- **Collaborated** with **cross-functional teams**, to translate business requirements into interactive **Adobe XD** prototypes, **facilitating efficient workflow** and communication.
- **Enhanced performance** by cutting CPU usage **by 20%** with React **hooks** and optimizing file size with **Web-pack**.
- Led **Sonar code quality** checks and created a state management library, **improving** application **stability** and streamlining invoice and billing operations.
- **Optimized API performance** by implementing **micro-services**, significantly **accelerating** network **traffic** across applications.
- **Developed client-side caching** mechanism to **reduce multiple server requests** and **improve** overall application **performance**.

## Application Developer, Pace University

New York

Jan 2020 — Jul 2021

- **Developed** and maintained a **dynamic mobile application**, successfully **integrating Firebase for real-time database** management, user **authentication**, and analytics, **leading** to a **25% increase** in user engagement.
- Developed and **curated extensive documentation** and resources for the **SQL learning platform**, facilitating a **self-guided learning environment** that accommodated students' **varying skill levels**.
- **Conducted workshops** and live coding sessions to **address common challenges** and advanced topics in SQL, fostering a **collaborative** and engaging **learning environment** that encouraged **peer-to-peer learning** and knowledge sharing.

## Software Engineer, Pragiti Inc

Mumbai

Jun 2017 — Jul 2019

- Led **responsible for developing** and maintaining new features for online **retail applications** using **Java**, **JS**, **Spring** framework.
- **Developed multifactor authentication** app using **Java microservices** to generate invoices for purchase orders.
- Led **Agile team of 4** to achieve goals of **developing web applications** for clients and **delivering high level of performance**.
- Developed and **optimized itinerary application** that allowed users to **save**, **update**, and **delete** saved **credit card information**.
- **Addressed** application technicalities using **jQuery**, **microservices**, and **JDBC** for better server performance and **UI** efficiency.
- Supported numerous production deployments using **Jenkins** and **CI/CD pipelines**.
- Developed and maintained **RESTful APIs with Spring Boot**, enabling seamless **integration** with third-party **financial services** and enhancing overall application functionality.

## EDUCATION

### Master of Science in Computer Science, Pace University

New York

Sep 2019 — May 2021

### Bachelor of Science, University of Mumbai

Mumbai

Aug 2013 — May 2017