Abhishek Chaudhuri

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Work Experience

April 2024 – Present | Senior Software Engineer – Prudential Advisors Connect | Prudential Financial, Newark NJ

· Developed a web app used by 5K+ financial advisors using React as the frontend, Node.js for the backend, and MongoDB for the database, deployed on AWS
· Implemented an AI smart chat using WebSockets to allow advisors to ask questions and receive responses in real-time
· Created an SQS queue and Lambda function using CloudFormation to listen to document upload events and save the status to DocumentDB
· Enhanced Splunk & CloudWatch logs for 10 backend services to make it easier to troubleshoot production issues and analyze patterns
· Recorded sessions on Apigee, AWS, and AI development to cross-train other team members
· Earned AWS Cloud Practitioner, Developer Associate, Solutions Architect Associate, and DevOps Professional certifications

August 2023 – April 2024 | Senior Software Engineer – Stages for Retirement | Prudential Financial, Newark NJ

· Created a form generator using React and Formik that lets developers dynamically generate 17 forms based on JSON payloads and can be updated automatically to stay compliant
· Fixed bugs & ADA defects in Prudential Stages for Retirement to improve the user experience and make it more accessible
· Developed a React TypeScript app in a monorepo created using Nx, with tests using Jest, styles using SCSS, and component previews using Storybook
· Designed the UI based on Figma designs to be responsive and accessible
· Utilized CI/CD pipelines in Jenkins and CloudBees that run unit & security tests (SonarQube, Checkmarx), build Docker images, and deploy them on an ECS Fargate container in AWS, improved performance by 50%

November 2022 – August 2023 | Software Engineer | Prudential Financial, Newark NJ

· Integrated CI/CD pipelines for 12 mobile apps & frameworks using Jenkins, Fastlane, SonarQube, and Checkmarx that reduced code smells & vulnerabilities and improved testing & deployment times by 50%
· Published 200+ pages of technical documentation on Teams and Confluence with 3500+ views to help improve the developer experience
· Developed 4 starter templates for iOS & Android to help import time-to-market while following best practices for CI/CD automation, Artifactory integration, Dynatrace monitoring, and building for different environments
· Hosted documentation for 2 mobile apps on AWS using CloudFormation, Route 53, ALB, Lambda, and S3

July 2021 – November 2022 | Associate Mobile Developer | Prudential Financial, Newark NJ

· Maintained 7 Android apps and 11 iOS apps used by 1500+ employees to satisfy modern enterprise requirements
· Wrote a Node.js server to authenticate SiteMinder sessions and provide REST APIs to Couchbase for 1700+ customers
· Developed MVVM reference architectures for iOS, Android, and React Native that reduced development time by 20%
· Mentored 7 team members and presented PI planning boards alongside tech leads for mobile development in Agile

Education

Master of Science | Rutgers University – New Brunswick

· Concentration: Software Engineering

Bachelor of Science | Rutgers University – New Brunswick

· Major: Computer Engineering, Minor: Computer Science
· Graduated Summa Cum Laude