Abhishek Arora

Senior Software Engineer

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Professional Summary

- Experienced Senior Software Engineer with over 8 years of expertise in web-based programming, specializing in React, Python, Vue, Node, Kafka and cloud infrastructure (AWS, GCP, Azure).
- Successfully built products which are used by top NBFCs and unicorns in India.
- Demonstrated leadership in managing cross-functional teams of up to 9 engineers, delivering exceptional client-focused services.
- Proficient in driving end-to-end project execution, from system architecture design to operational deployment and management.
- Skilled in all aspects of web application development, including design, innovation, architecture, and deployment.

Technical Summary

- **Languages:** Javascript, Python, Java, Typescript
- **Linux / Unix Skills:** Shell Scripting, Bash, Apache, Nginx, Hadoop, HDFS
- **Frontend Skills:** React.js, Redux / Flux, Next.js, React Form & Query, Vue.js, Vuex, Vuelidate, Nuxt, Tailwind, Jest, SASS, HTML5 / CSS3 / ES6, GraphQL, D3.js, jQuery
- **Cloud**: AWS, Azure, GCP, Docker, K8s, Linode
- **Backend Skills:** Node.js, Python, Django, Java, Spring, JSP, Hibernate, MySQL, PostgresSQL, NoSQL, Hive, Greenplum, Aerospike, LevelDB
- **Dev Tools:** Git, Kafka, Lambda, Auth0, Jira, Confluence, Vercel, BitBucket, Sentry, Puppeteer, Tomcat, Jenkins, Control-M, ITSM, CKEditor, Echarts, PagerDuty, Docker
- **Professional Skills:** Project Management, Web Optimisation, Unit Testing, Architecture and Design, Programming Skills, UI / UX
- **Additional Skills:** Website Hosting, Payments, Stripe, Application Security, Backend Engineering, E2E Testing, Front End Development
- **Methodologies**: Agile/Scrum, CI/CD, BDD, TDD

Professional Experience

Founding Engineer (Senior Software Engineer)   May 2023 – May 2024
Integral Technologies, US, Remote

Responsibilities:

- Led bi-weekly sprints, ensuring team alignment with project timelines to consistently achieve optimal deliverables.
- Oversaw frontend and backend code reviews, maintaining high standards of code quality and performance.
- Developed scalable SaaS applications using Django and React with molecule/atom MVC architecture, ensuring high performance and reliability.
- Spearheaded core module development for Transfer Pricing and User Management using Next.js, Python, and AWS.
- Managed seamless Auth0 integration, overseeing end-to-end enterprise authentication implementation across app.
- Built a document editor for Transfer Pricing reports, enhancing client interaction and workflow efficiency.
- Set up seamless CI/CD pipelines with Vercel for frontend and Coherence for backend, improving deployment flow.
- Utilized OECD files from multiple countries to train an LLM model for our AI chat service, integrating with OpenAI API for accurate responses.
- Embraced macro-level strategic decisions while meticulously overseeing micro-level implementation details.

Environment: React.js, Next.js, React Form & Query, Tailwind, Kubernetes, Editor, Django, PDF, Auth0, Stripe, Jira, Vercel, Storybook, BitBucket, Redis, AWS, EC2, EBS, S3, DynamoDB, Route53, Typescript, Sentry, Mixpanel

Software Engineering Manager   December 2017 – April 2023
Gamooga (acquired By Tanla), Hyderabad, IN

*Responsibilities***:**

- Led a high-performing team of 10+ engineers, focusing on hiring, mentorship, career development, and training.
- Implemented scalable architecture patterns, boosting system performance and reliability, following SDLC best practices within an Agile environment for rapid client iterations.
- Re-engineered microservices for real-time ingestion, ETL process, webhook services, and query processing using Node.js, Django, and Java frameworks, resulting in 55% increase in data processing speed.
- Utilized Vue.js/React.js to build modular, reusable, and cross-browser compatible components and libraries.
- Directed 'Dockerization project' for 12 existing services, streamlining on-premise deployments for banking clients.
- Recalibrated Kafka topics, achieving 8x faster campaign execution with more uniform and time-insensitive criteria.
- Led team efforts during Tanla' 2019 acquisition, migrating AWS services to Azure, boosting deplokyment efficiency.
- Developed real-time location-based notifications using Google APIs, boosting client engagement metrics by 15%.
- Optimized website performance to maintain 85+ Lighthouse score and reduced bundle load time by 21% overall.
- Accelerated UI/UX development by 20% introducing Sentry for error tracking, preventing critical issues early.
- Enhanced codebase efficiency through comprehensive unit testing to establish optimal browser functionality and security, leading to 100% successful VA/PT tests.
- Collaborated closely with product managers and leadership team to facilitate the creation of user stories and PRDs, ensuring alignment with business goals.
- Delivered high-quality projects on time by effectively planning, estimating, scheduling, and executing iterations.

Environment: Vue.js, Vuex, Vuelidate, React.JS, Redux, Jest, SASS, HTML5 / CSS3 / ES6, GraphQL, Puppeteer, Node.js, Java, Spring, Docker, MySQL, NoSQL, Git, Python, Echarts, Quill, Jira, AWS, Azure, GCP, Linode, Greenplum, Aerospike, LevelDB, WebRTC, Typescript, Github Actions, PagerDuty, Terraform, Datadog

Big Data Engineer (Associate Consultant)   August 2016 – November 2017
Cognizant Technology Solutions, Hyderabad, IN

Responsibilities:

- Collaborated on developing monitoring tool that reduced personal data leaks by 18.5%.
- Built Java applications using MVC framework and Shell scripts for data import in agile environment, automating CI/CD pipeline using Jenkins and documenting development/deployment process.
- Designed and developed a role-based native web application using a 3-tier architecture for risk teams to track users attempting to access PII data across 13 clusters.
- Created web page to upload defined set of files to Hadoop, establishing connection to HDFS and Hive, and automating process.

Environment: D3.js, jQuery, HTML5, CSS3, Javascript (ES6), JSP, Java, Spring Boot, Hibernate, Bash, Apache, Tomcat, Jenkins, Hadoop, Hive, Control-M, ITSM, Jira, Tortoise SVN, Sonar, Solr, ElasticSearch

Education

International Institute of Information Technology Bangalore, Bengaluru, India   2024 - Present
Executive Post Graduate Diploma: Machine Learning and AI

Indian Institute of Technology Delhi, New Delhi, India   2012 - 2016
B. Tech: Engineering Physics

Certifications

Scrum Alliance, Inc.   April 2024
Certified ScrumMaster® *(Badge Id: 1939930)*

Accomplishments

- Awarded Tanla Spot Reward Q3 2022 (Quarterly recognition programme) for going above and beyond.
- Secured All India Rank - 2030 in IIT JEE 2012 among half a million aspirants.