



# Subhransu Maharana

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Sr. Full Stack Engineer



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## ABOUT ME

Experienced Full-Stack Engineer with 9+ years of experience in designing, developing and implementing applications and solutions using range of technologies. Currently a Sr. Application Engineer at Adobe, seeking to leverage extensive expertise in software development, problem-solving, and project leadership to contribute to a forward-thinking organization.



## WORK EXPERIENCE

### Sr. Application Engineer

Jun 2019 - Present (5 years 0 months +)

Adobe

- **Automated client onboarding** to Adobe Analytics, Launch, and Target, reducing consultant efforts by 90% and standardizing processes across teams.
- **Built executive-focused Adobe analytics dashboards** and custom web applications for top digital marketing clients, addressing diverse customer needs.
- **Designed and recommended architecture** for Gen AI-based initiatives, contributing to innovative projects within Adobe.
- **Developed and maintained a connector** that syncs data between Microsoft Dynamics and Adobe Campaign, enabling seamless synchronization of contacts and custom entities.
- **Developed serverless and event-driven applications** using Adobe I/O runtime and events, enhancing integration with various Adobe services.
- **Streamlined AEM CM deployment** with Gulp Scripts, GitHub API, and GitHub Actions, cutting down development time significantly.
- **Deployed Big Data Pipelines** in Spark on AWS Glue, optimizing data processing and scalability.
- **Migrated legacy ETL processes** from Apache to WFE (Apache Airflow), facilitating higher volume data processing.
- **Reprocessed billions of records** for data cleansing in Adobe Analytics, improving data quality and reliability.
- **Developed and managed big data solutions** using Hadoop, PySpark, and AWS Glue, enabling efficient processing and analysis of large datasets.
- **Performed data engineering tasks**, including building and optimizing data pipelines and ETL processes for enhanced data management.
- **Mentored junior engineers** and conducted code reviews, ensuring adherence to coding standards and best practices.
- **Technologies Used:**
  - **Server Side:** Node.js, Java, Python, Docker, AWS, GraphQL, Apache OpenWhisk, PySpark, Kafka, Express.js
  - **Client Side:** ReactJS, JavaScript, HTML, CSS

### Software Engineer

Mar 2017 - May 2019 (2 years 3 months)

Fidelity Investments

- **Responsible for upgrading the codebase** to Angular UI and back-end in Java Spring Boot RESTful Services. Developed testable, reusable, and maintainable components/services, integrating RESTful APIs.
- Built a Table Component Framework for the eTax Application, making dynamic content easily customizable and focusing on its stability. It was reused across multiple teams.
- **Implemented lazy-loading**, leading to an **85% reduction** in web app loading time.
- Identified and suggested new technologies and tools for enhancing product value.
- Managed both front-end and back-end development tasks.

### Project Engineer

Sep 2014 - Feb 2017 (2 years 6 months)

Wipro Technologies

Bluedart Website Revamp

- Key Contributor in development and implementation of the Bluedart Website Revamp project from build-out testing and integration into the production environment.
- Developed SOAP-based Web Services (bottom-up) which internally consume various third-party vendors and also call Oracle stored procedures.
- Integrated Google Map API with shortest path implementation.



## SKILLS

### LANGUAGES

Java , Python, Javascript, Typescript

### FRONT END

- ReactJS , AngularJS (4.4)
- HTML5, CSS
- Javascript(ES6)
- Typescript
- JQuery

### BACK END

- Node.JS, ExpressJS
- pandas framework
- Spring Framework, SpringBoot
- MySQL
- Serverless Framework

### BIG DATA

- Hadoop, Map-Reduce
- PySpark
- AWS Glue
- Kafka

### DEVOPS

- AWS-Lambda,EC2,EMR,ECS,Glue...
- Docker
- Apache OpenWhisk
- Apache Airflow
- Github Actions

### MISCELLANEOUS SKILLS

GraphQL, Gulp, Git, Tomcat, NGINX, Maven, Webpack, Babel, Rest API, Adobe I/O



## ACHIEVEMENTS

- **Winner in "Adobe Gen AI Hackathon '23"**
- **"On the Spot Award"** - Awarded in Fidelity Investments, 2017.
- **"Individual Award"** - Awarded for solving complex framework bugs in Fidelity, 2018.
- **"Team of the Quarter"** - Awarded for contribution in Adobe, 2020
- Selected for **"Adobe Tech Summit'21"**
- Certified in **"Azure Fundamentals - AZ-900"**



## EDUCATION

**B.Tech, Computer Science** Veer Surendra Sai University of Technology, Burla, Odisha 2010-2014