ABHILASHINI A J

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EXPERIENCE

Senior Associate - JPMorgan Chase - *Feb 2021 - Present*

Lead developer overseeing automation of post trade processes for equities investable indices. Liaise with front office & quant developers for fast paced deliverables. Remotely mentoring a growing team.

Selected Projects

- **Real-time Job Monitor Dashboard** | *Python, React, AG Grid*
  Help traders watch over critical jobs required for intraday calculations & rerun problem jobs. Significantly reduced manual overhead to check, analyse & report failures & bottlenecks.
- **Risk Visualizer** | *Pandas, gRPC, Reactive Programming*
  Aggregate risk data in new trade bookings by tracking Greeks linked to live market price. Allows traders & quant developers to proactively analyse breaks in index levels & take action.
- **Rule Engine for Instrument Classification** | *NoSQL DB, Builder & Factory Patterns*
  Built a scalable classifier to process over a lakh instruments & identify legal entity & type. Compliance gaps identified triggered CTAs on a React dashboard enabling auditory compliance.

Data Scientist - Atonarp Microsystems - *Jul 2019 - Jan 2020*

Improved glucose prediction accuracy in living tissue through exploratory analysis with NumPy. Optimized model evaluation pipeline with pre-configured settings, minimizing message queue traffic for subscribers.

Senior Software Engineer - Cisco Systems - *Jul 2013 - Jul 2019*

Supervised cross-functional teams & provided technical guidance to a team of six. Planned & prioritized web development projects & orchestrated migration of legacy applications & infrastructure.

Selected Projects

- **Recruitment Process Optimization** | *Spring MVC, Hibernate, Angular*
  Designed data-driven solutions to improve candidate-to-job matching. This innovative approach streamlined the process & reduced time taken from a 3-day manual effort to 3-hours.
- **Streamlined Web App Development** | *Java, Angular, Bootstrap, CI/CD*
  Implemented a rapid development pipeline for Single Page Applications leading to 50% reduction in development time & delivering well-tested web apps with consistent UX for subsequent projects.
- **Modernizing Legacy Apps** | *Material Design, Appcelerator*
  Spearheaded the transformation of legacy applications by implementing microservices & responsive web design enabling the apps to extend their reach to a mobile presence.

SKILLS

Python, Java	JavaScript, ReactJS	HTML, CSS, Bootstrap	SQL/NoSQL
AWS Cloud Practitioner	Full Stack Development	Microservices	UX Design
Project Management	Design Thinking	Data Analysis	DevOps

EDUCATION

B.E. Computer Science - SJCE, Mysore - *May 2013*

CGPA 9.21/10

- Published Semantic Methods for Subjective/Objective Identification of Text
- Lead, IEEE SJCE Chapter

ACCOMPLISHMENTS

- Force For Good, 2023, Design Advisor
- JPM India Tech Debate, 2022, First Runner Up
- Cisco Early Career Forum Chapter Lead, India
- Mentored New Grads in Tech Careers
- Designed Math & Science curriculum to aid primary school kids in rural Karnataka