ABHINAV DALAL

2, Giri Chhaya, Loyalka Estate,
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SUMMARY

10+ years diverse experience in Web Development & Data Science working with eCommerce and Saas Products. Specialized in work involving advanced analytical capabilities for solving complex business problems. Currently an Engineering Manager - Frontend at shaadi.com. Expert in web development, React.js, Node.js etc. Amateur in Machine Learning.

EXPERIENCE

People Interactive (shaadi.com) Mumbai, MH, India

Engineering Manager - Frontend   **Nov 19 - present**
- Optimized a 4 step form filled by ~10K people everyday by using latest Material-UI Auto-complete
- Championed for refactoring old codebase with typescript function components, react-hooks, and scss
- Built and published reusable React.js components library with visual testing via chromatic / storybook
- Analyzed technical logs and errors, and business dashboards to incrementally improve business metrics

iConnect Solutions Navi Mumbai, MH, India

Tech Lead   **Dec 17 - Nov 19**
- Lead a team of 5 developers for a large Fortune 250 company's UK eCommerce business
- Liaison with client to fully understand their requirements and deliver features using agile methodology
- Converted monolith to a microservices backend that uses AWS SNS/SQS and Lambdas
- Created sync jobs between mongo and bigQuery databases and SAP B1 Service Layer integrations

B-OM Systems Mumbai, MH, India

Founder   **Jan 15 - Dec 17**
- Lead a team of 11 MEAN developers including a 4 months in-house training program in MongoDB, Angular.js, Node.js and other cloud based technologies
- Built a SaaS solution for Restaurants with Food Ordering, Billing, Inventory and Analytical Reports
- Built a SaaS solution for Professional Services Firms with Timesheet Mgmt and Assignment Allocation

PROS Inc. (NYSE:PRO) Houston, TX, USA

Scientist   **Jan 10 – Dec 14**
- Lead Revenue Optimization implementation (with millions of Decision Variables & constraints) for a Billion Dollar Car Rental Company
- Contributed to projects that generated 4% to 6% revenue uplift for each customer; including modules of analytics, price management, forecasting, channel strategy optimization
- Participated in Innovation Cell; built cloud based mid-market revenue optimization solution in 2 months focused on the Storage Rental Industry
- Implemented One-way(with Local) Optimization and Year-over-year Forecasting for a Truck Rental Company having operations across USA with over 300K trucks

EDUCATION

Georgia Institute of Technology Atlanta, GA, USA

Master of Science in Industrial Engineering   **Jan 09 – Dec 09**
- Manufacturing Systems
- Warehouse & Distribution Science
- Transportation & Supply Chain Systems
- Logistic Systems Engineering
- Principles of Management for Engineers
- Productivity Analysis
- Design & Analysis of Experiments
- Regression Modeling & Analysis

Master of Science in Operations Research   **Aug 07 – Dec 08**
- Deterministic Optimization
- Mathematical Statistics
- Probabilistic Models & Applications
- Simulation
- Computational Methods in Optimization
- Reliability Theory
- Graph Theory
- Scheduling Theory

University of Mumbai - Watumull IEECT Mumbai, India

Bachelor of Engineering in Instrumentation Engineering   **Jul 02 – May 06**

SKILLS

Languages:	Javascript, HTML, CSS, SQL, SysML
Cloud Services:	AWS, Google Cloud
Client-side Web Packages:	React.js, redux, sagas, react-final-form, react-window, react-bootstrap, Material-UI, Karma, jest, testing-library, storybook
Sever-side Web Packages:	node.js, express.js, multer, pdfmake, Mocha
Database Packages:	MongoDB, sqlSever, dynamo-db, bigQuery
Statistical Packages:	QlikView, R, JMP, Matlab, Tableau, Python(SciKit, Pandas)
ML Packages:	PyTorch, Tensorflow, Keras
Optimizatization Packages:	CPLEX, OPL, AMPL, GAMS
Other Packages:	MS Office, Libre Office, Rockwell Arena, LabVIEW, Eclipse, VS Code