Varun Bawa
Systems Development Engineer

A Tech Enthusiast with an inclination towards Financial Analytics, and with proven knowledge of product innovation, R&D, and root cause analysis, striving for an excellent tandem with my caliber & sheer determination to work for economically viable solutions.

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Personal Blog: https://innovativebit.blogspot.com

varunbawa.in

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github.com/Varun-Bawa

WORK EXPERIENCE

System Development Engineer
DellEMC

07/2017 – Present *Bangalore, Karnataka - India*

Work area
- Managed Team for multiple R&D projects
- Assisted in CapEx and OpEx spends for Lab and Project requirements, including resource management
- P.O.C.'s using Machine Learning & Deep Learning
- Took Green Computing Initiative for the Data-Center
- Worked on Customer Requests for HPC bids
- Machine Learning models benchmarking
- Benchmarking and Optimization(Synthetic & Real-time)

Achievements: *2 recognized patents for Dell Internal Use*

Co-founder
Banjara Voyage

04/2015 – 04/2017 *Dehradun, Uttarakhand - India*

Work area
- Managed Technical Team for iOS, Android and Backend Development
- Website creation with ticket booking APIs
- Finance Management
- Operational Risk Assessment for Customer Itineraries

Internship - iOS Developer
Larsen & Toubro Infotech

05/2016 – 08/2016 *Mumbai, Maharashtra - India*

Work Area
- Indoor mapping and navigation using beacons
- iOS game development and integration for Shell co.

Internship - Web Developer
RiteTag (presently: RiteKit)

05/2015 – 06/2015 *Remote Intern*

Work Area
- MVC using Nette framework(UI & UX)
- Watermarked stat calculator for hashtag analysis

EDUCATION

B.Tech in Computer Science
University of Petroleum and Energy Studies

07/2013 – 05/2017 *Dehradun, Uttarakhand - India*

Courses
- Majors in Open Source and Standards (CGPA: 3.10/4)

SKILLS

Financial Management   Risk Assessment

FinTech: Problem solving   Customer Consulting

Resource & Time Management   Review MRDs, PRDs

Entrepreneurial Exp.   Competitive Programming

Machine Learning   Deep Learning

PERSONAL PROJECTS

Detection of Fraud Credit card transactions using ML

Deep Learning for Sentiment Analysis(Amazon dataset)

MNIST data analysis using Tensorflow & ML

Confidence Score of any Content over the Internet

Created a Linux Based OS from scratch and GUI Apps

Generic Quiz(Dynamic web app to create & host quiz)

NOTE: Aforementioned & Other Projects at github

CERTIFICATES

FinTech: Foundations, Payments, and Regulations
University of Pennsylvania - Wharton - Grade Achieved: 100.0%

Cryptocurrency and Blockchain: An Introduction to Digital Currencies
University of Pennsylvania - Wharton - Grade Achieved: 100.0%

Financial Analysis: Making Business Projections
LinkedIn Learning

Financial Literacy: Reading Financial Reports
LinkedIn Learning

Tableau 10 Essential Training - LinkedIn Learning

Designing Applications for Windows Azure Jump Start
Microsoft Virtual Academy

Windows Azure Storage - Design and Implementation
Microsoft Virtual Academy

CODING LANGUAGES & TOOLS

Languages: Python, C, C++, Java, Swift, Shell Scripting, Php, JavaScript, AngularJS, NodeJS, JSP, HTML5, Ajax

Tools: MS Office, MS Excel for F.A., MS Project, Tensorflow, Tensorboard, Docker, Kubernetes, Intel VTune, Git, Tableau, MS Visual Studio, Azure, Postman