

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 and analytics

Resource & Time Management

Customer Consulting

Review MRDs, PRDs

Entrepreneurial Experience

Deep Learning

Machine Learning

Competitive Programming (Preferred: Python)

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%

Finance Foundations

LinkedIn Learning

Financial Analysis: Making Business Projections

LinkedIn Learning

Financial Literacy: Reading Financial Reports

LinkedIn Learning

Tableau 10 Essential Training

LinkedIn Learning

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