

Vishwaraj Anand
~8.5 Year Experience at Facebook, Microsoft
Had own Start-up
Masters in Information Systems, NTU SG

DOB-18th Feb 1992
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EDUCATION

Nanyang Technological University [NTU Singapore]	Masters in Information Systems, Wee Kim Wee School of Communication and Information	2015-16	4.2/5.0
Indian Institute of Technology, Patna [IIT Patna, India]	Bachelors in Technology, Computer Science and Engineering	2009-13	7.86/10

WORK EXPERIENCE

Facebook Singapore	Solutions Engineer	Sep'18 to present
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- * Building Conversational Ads for FB Messenger
- * Developing new ads products for corporate media buyers at Billion users scale
- * Influencing engineering road map for Facebook Ads platform
- * Researching and developing innovative ideas for effective ads delivery
- * Platform development: JS/PHP/Java/Python
- * Technical expertise in Facebook products to provide consultancy guidance

Works Applications Singapore	Sr Site Reliability Engineer	Oct'16 to Aug'18
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- * **Data analytics** of production issues and predicting downtime from monitoring systems:
- Python**
- * Cost saving through **automated scaling** strategies for AWS instances and **Kubernetes** services
 - * Handling monitoring tools for microservices based on **Zabbix, Grafana, Logstash, Prometheus**
 - * Managing AWS deployments through **Ansible** and Jenkins
 - * Building reporting dashboards for costs reporting of deployments: **HTML, JS**
 - * Responsible for cross-team collaboration for minimizing failure impacts over clients
 - * Establish **Cassandra** DB, **Influx** DB and **ElasticSearch** based backend for microservices: **Java**

Energie Corp Pte Ltd Singapore	Co-Founder	Sep'15 to Sep'16
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- A gamified Smart home energy management platform using **IoT** to motivate energy conservation in Singapore:
- * Architect for backend of the system: **MongoDB, AWS**
 - * Developed Business intelligence and data analytics system for production: **Python**
 - * Supervised and contributed partially to front-end: **Android, JS**
 - * Won **3rd prize** for best prototype at Intel Singapore backed Invent 50 start-up competition' 2016
 - * **Represented Intel** at the IoT Asia Exhibition'2016, Singapore and Maker Faire'2016

Implementing backend for online azure based search service for source code and documents in Visual Studio Online. [**Agile** development]

- * Owned Source-Code feeder component of the system. Language: C#, **Git**
- * Designed SQL and Azure cloud platform layers for service. Language: C#, **Sql**
- * Worked on open source Text-search engine: **ElasticSearch**. Language: Java
- * Supervised implementation of backlogs within team towards 20% more **productivity**
- * Managed team **collaboration** between teams located in APAC and US.

PROJECTS

Extend Google Mail to interact with Facebook Messenger https://github.com/vishwarajanand/FbMessengerGmailIntegration https://youtu.be/gktg9gnl6EM	Dec'20
Building a scalable NoSQL system with React/Mongo/NodeJS https://github.com/vishwarajanand/DotCollector http://youtu.be/41fpw9t4aL8	Sep'20
Automatically reserving delivery slots on an eComm website https://github.com/vishwarajanand/RedmartLazadaOrderBot https://youtu.be/3FnKjcRyjU8	Apr'20
Design of Search Engine for Information Retrieval, Java, Elasticsearch, Sql Guide: Assoc Prof Sun Aixun, SCE, NTU, Singapore	Jan'16-Apr'16
Smart-home app to motivate people for energy conservation, JS, Android Guide: Hari Ramachandran, Principal Engineer, Intel Singapore	Sep'15-Apr'16
Optimising Machine Translation System, C++ Guide: Dr. Asif Ekbal, IIT Patna, India	Jun'12-Mar'13

TECHNICAL SKILLS

- Platforms: Windows/Mac, Linux, Android, Azure, AWS
- Languages: Java, JS, Python, SQL, Hack, NodeJS (flexible to work on any language)
- Tools: VSCode, SQL, GitHub, Docker, React, Chrome
- Skills: Programming, Data Analytics, Cross Team Collaboration, Software Project Management

PROUD MOMENTS

- Python instructor volunteer "Code in the Community Singapore" for secondary school students
- Always secured "Exceeds Expectations" performance rating for Facebook Singapore for 6 halves
- Won third prize for Intel start-up competition for best smart homes products
- Under 1500 in world ranking on programming Assessment website www.hackerrank.com
- Best presenter award at Microsoft for presentations on 'Multi-tenancy' in networking
- Ranked 470 (All India Rank) in National Computer Science GATE exam
- Received prestigious IIT Merit based scholarship for all years of study at Undergrad
- Ranked 1305 (All India Rank) in IIT JEE competing with 400,000 students
- Offering free tuitions to promote education among underprivileged kids

HOBBIES

- Teaching, Reading, Building softwares