



DIPANJAN DE

FULL STACK DEVELOPER

EXPERIENCE

PHILIPS INNOVATION CAMPUS

Full Stack Software Engineer | June 2019 to Present

Intern | August 2018 to June 2019

- ▶ Undertaken full-stack projects and incorporated latest and best technologies to boost performance, scalability and reliability, and deliver responsive user experience across devices
- ▶ Worked on product development, in coordination with multiple interdependent teams working to provide different microservices
- ▶ Hands on experience in Containerization & Orchestration, RESTful Web Services, GraphQL and NoSQL databases along with RDBMS
- ▶ Experience in leading different teams, architecting the right technology stack for various projects and setting CI/CD pipelines

VODAFONE

Intern | May 2015 to June 2015

- ▶ Web developer responsible for the design, development and optimization of several fully responsive websites
- ▶ Contributed to the upgradation of E-TopUp module and automate prepaid recharges

EDUCATION

MASTER OF TECHNOLOGY | Vellore Institute of Technology

Computer Science and Engineering

Fall 2017 to 2019 | Vellore, Tamil Nadu, India

CGPA: 8.54 on a scale of 10

BACHELOR OF TECHNOLOGY | SRM University

Computer Science and Engineering

July 2013 to 2017 | Chennai, Tamil Nadu, India

CGPA: 7.36 on a scale of 10

HSC & SSLC | Kendriya Vidyalaya Garden Reach

Central Board of Secondary Education (CBSE)

Kolkata, West Bengal, India

12th Standard CGPA: 8.58 on a scale of 10

10th Standard CGPA: 6.80 on a scale of 10

CONTACT & INFO

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GitHub: //bacon-delight

SKILLS

Frameworks

Vue • Nuxt • Django • Flask • Laravel
Phalcon • Rails • Gatsby • Express • Electron

Relational Databases

MySQL • SQLite • PostgreSQL

NoSQL Databases

MongoDB • CouchDB • Neo4j • Cassandra
Dynamo • Redis

Programming

Python • MATLAB • Octave • HTML • CSS
JavaScript • C/C++ • Arduino • Raspberry Pi
R • Lua • PHP

JavaScript Libraries & Frameworks

jQuery • AJAX • Vanilla • TensorFlow.js • Apollo

Other Tools

LaTeX • Photoshop • InDesign • Office • Git
Parallel Studio • NPM • Yarn • Webkit
Docker • Kubernetes

Management

Planning • Teamwork • Leadership

Languages

- ▶ English (Working Proficiency)
- ▶ Hindi (Native/Bilingual Proficiency)
- ▶ Bengali (Native/Bilingual Proficiency)
- ▶ German (Limited Proficiency)
- ▶ Korean (Limited Proficiency)

COURSEWORK

Coursera

- ▶ Machine Learning
- ▶ Deep Learning and Neural Networks
- ▶ Open Source Software Development
- ▶ Improving Deep Neural Networks
- ▶ Aerial Robotics

PluralSight

- ▶ Flask Microframework
- ▶ Django REST Framework
- ▶ Vue.js Fundamentals
- ▶ Single Page Applications
- ▶ Node.js and NPM
- ▶ Ruby on Rails

Independent

- ▶ Big Data Foundations (IBM Certified)
- ▶ C/C++ Certification (Brainware)

Special University Electives

- ▶ Nature Inspired Computing
- ▶ Fuzzy Logic
- ▶ Wireless Sensor Networks
- ▶ Image Processing
- ▶ NoSQL Databases
- ▶ Internet of Things

AWARDS & RECOGNITIONS

2016 CodeVita Season V

Tata Consultancy Services
All India Rank: 288

2014 International Collegiate Programming Contest

Association of Computing Machinery (ACM)
State Level Rank: 44

2012 National Cyber Olympiad

Science Olympiad Foundation
State Rank: 9, International Rank: 128

PUBLICATIONS

2019 Optimizing IoT Cloud Architectures for Pipelining Data through Machine Learning Models

International Journal of Computer Networking, Wireless and Mobile Communications (IJCNWMC)
Volume 9, Issue 1, June 2019

2018 Three Dimensional Database Multicore Framework

International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE)
Volume 7, Issue 3, March 2018

PROJECTS & INITIATIVES

2019 Bilonz

A cloud platform to automate home and industrial IoT and provide meaningful solutions based on analytics powered by deep neural networks

2018 Air Quality Analysis

Time series analysis of air quality at various locations in Vellore along with a study of different types of particulate matter present at ground level and ways to improve the quality of breathable air

2018 Overwatch Cloud

An IoT cloud which allows real-time data streaming and control of home and industrial electronics over the internet

2017 Crates Storage Space

File sharing platform with ability to share files in groups and invite others to collaborate