Bharath Kumar

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PERSONAL

NATIONALITY
India

EDUCATION

NIT TRICHY
BTech in Electronics and Communication Engineering
Expected May 2021 | Trichy, IN
Cum. GPA: 8.46 / 10

JAWAHAR HSS
Graduated with 94%
Grad. May 2017 | Neyveli, IN

LINKS

Github:// **BharathKumarRavichandran**
LinkedIn:// **BharathKumarRavichandran**

COURSEWORK

UNDERGRADUATE
Basics of Programming
Digital Systems and Circuits
Signals and Systems
Network Analysis and Synthesis
Semiconductor Physics and Devices

SKILLS

PROGRAMMING
Languages
C/C++ • Python
Web Development
HTML5 • CSS
Javascript • jQuery
Python • PHP
Familiar
MySQL • React • Redux
Django • Laravel • NodeJS
BabylonJS
Tools
Git • Docker • Visual Studio
Hardware
Verilog

EXPERIENCE

DELTA FORCE | Software Developer
July 2018 – Present | Trichy, IN
- Premier computing club and central web team of the National Institute of Technology, Tiruchirappalli.
- Was selected in the top 9 out of 250+ applicants.
- Responsibilities: Part of college's webteam, develop and provide services to automate college fests.

PROJECTS

BEER FACTORY | Lead Developer | Website
November 2018 – Present | NIT Trichy, IN
- An online strategy-based, single-player game that is designed to test the art of resource management. Each participant competes against a computer simulated opponent.
- Designed and implemented the game API from scratch in Django and the game UI in BabylonJS, ReactJS, Redux and SemanticUI.
- Wrote models, game and leaderboard logic. Designed the gamepage UI, reusable menus, display components and made game mobile responsive.

VIRTUAL FIT | Lead Developer
March 2019 | PIET, Delhi NCR, IN
- A smart solution where an user can get his body measured from a photo and can design custom made shirt online with large variety of accessories and order directly.
- Written in nodeJS, used ResNet Architecture for predicting body sizes, BabylonJS for 3D model rendering.
- Won first place in Smart India Hackathon 2019.

FEST API | Developer
Aug 2018 – Present | NIT Trichy, IN
- Developed, reviewed code for Basic CMS Helper module.
- RESTful API for managing college fests.
- Written in Laravel 5.1, used by more than 6000 participants and organisers.

SCHOLARSHIP PORTAL | Lead Developer
scholarship.nitt.edu | August 2018 – October 2018 | NIT Trichy, IN
- A portal for NITT students to register for scholarships.
- Includes an interface for admin portal to view, approve and reject registrations.
- Written in nodeJS, Bootstrap, used by students of NIT Trichy.

FOOD SHARE | Full Stack Developer
June 2018 – July 2018
- A social web application that allow individuals to share surplus food items, with instant chat feature.
- Written in PHP, Bootstrap and uses Google Maps API.

AWARDS

2019	Winner	Smart India Hackathon 2019
2018	Finalist	HackerTech'18, VIT Vellore