

Abhishek Sharma

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Education

JECRC University

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING

Jaipur, IN

2016 - 2020

Skills

Algorithm Data Structures (MIT-OCW 6.006: Introduction to Algorithm).
Languages Python3.6, JavaScript(ECMAScript 6), Core Java, HTML5, CSS3.
TechStack MERN(MongoDB, Express.JS, React.JS, Node.JS), Docker(Container), Ansible, YUM, Virtualization.
OS RedHat Linux 7.5, Windows.

Projects

NPM Module Unsorted (Published)

[Link](#)

DEVELOPER

June 2020 - Present

- NPM Module to help in Competitive-Programming with about 1000 Weekly Downloads.
- User can simply leverage by using Pre-Defined Functions and Boilerplate Code.
- Features: Implementation of All Sorting Algorithms, Array operations like Min, Max, Average, Sum, HashMap, Mathematical Operations for generating Catalan Numbers, Karatsuba Method, Newton's Method, Sieve, Number Conversion etc.
- **Tech Stack: JavaScript (EcmaScript 6), Node JS.**

BinaryDiary: A Developer Hub

[Link](#)

SYSTEM ARCHITECT/DEVELOPER

May 2020 - Present

- BinaryDiary is a developer-focused social platform that allows users to communicate with their peers and showcase their developer credentials.
- Users can create profiles (with detailed information on their technical skills, educational and work experience, and the user's most recent GitHub repositories), view a list of all developers on the platform, and create posts that can be liked/ unliked and commented on by other users.
- Features:The Node.JS/Express.JS server features over 20 endpoints that handle authenticating users, Create/Read/Update/Delete operations for user validation (using the passport.js JSON Web Token strategy), profile and post data, and extensive input validation and error handling.
- **Tech Stack: JavaScript (EcmaScript 6), Node.JS, Express.JS, React.JS, Redux(State Management System), MongoDB, Middleware, Passport, JsonWebToken, bcrypt.JS.**

Chat Application

[Link](#)

SYSTEM ARCHITECT/DEVELOPER

May 2020 - June 2020

- Implementation of Chat Application. It is a Web Application which allows transmission of text messages and location in a Full Duplex Fashion.
- Features: Providing Social Platform to Users, To allow each person to share their thoughts/views, Provision of Different rooms for Different Groups, Middleware Implementation for Profanity surveillance.
- **TechStack: JavaScript, Node.JS, Express.JS, Socket IO, API, HTML5, CSS3.**

Weather Forecast Application

[Link](#)

DEVELOPER

April 2020 - May 2020

- Implementation of Real Time Weather Web Application. It is a Web Server which provides Current Weather and other Forecast Information. It can be used to get Daily Forecast Globally.
- Features: current weather, forecasts, wind, data from weather stations are available through APIs, maps and other products.
- **TechStack: JavaScript, Node.JS, Express.JS, API, HTML5, CSS3.**

MIT 6.006: Algorithm ToolBox

[Link](#)

DEVELOPER

April 2020 - May 2020

- A MIT 6.006 OCW Repository, which includes whole course Implementation into Python3.6 language. It contains major Algorithms used in Computer Science.
- Features: 6.006 Course Repository, Well Documented, Easy to Access.
- **DevTools: Language - Python3.6, Environment - Jupyter Notebook and Python Shell.**

Training

Newton School

FULLSTACK BOOTCAMP TRAINEE

Bengaluru, IN

Feb 2020 - PRESENT

- TechStack: JavaScript(ECMAScript6), MERN, HTML5, CSS3, SQL.
- FullStack Web Development.
- Implementation of Full-Fledged Responsive Web Based Application.

LinuxWorld Informatics Pvt. Ltd.

PYTHON INTERN

Jaipur, IN

June 2018 - July 2018

- TechStack: Python3.6, RedHat Linux7.5, Docker, Ansible, Apache HDFS, Shell-Scripting.
- Implementation of High Performance Distributed Computing for Big Data, Batch Processing using HDFS.

Achievements

Google Foobar	Google Foobar is Google's Secret Hiring Challenge. I participated in Google Foobar Challenge and successfully cleared all 5 Levels.
ORGANIZER	Code-Shuffle(Coding-Event), ISRO Science Exhibition, Zarurat(Blood Donation Camp).
WINNER	Cyber Bytes(Hackathon), Hindi Quiz Contest.
Runner Up	Microsoft Azure Hackathon (Bagged 2nd Position).
Participation	Microsoft Azure Workshop, National Science Olympiad, JECRC Hackathon 1.0, E-Cell.

Certifications

- Red Hat Certified System Administrator (180-142-721)
- Red Hat Certified Specialist in Ansible Automation (180-142-721)