VISHESH KHANNA

New Delhi, India

linkedin.com/in/visheshkhanna5
github.com/visheshkhanna
visheshkhanna.github.io

+919811778001
vishesh.khanna5@gmail.com

EDUCATION

New Delhi, India	Maharaja Agrasen Institute of Technology	August 2018 – July 2022

- Bachelor of Technology in Computer Science Engineering
- Relevant Coursework: Mathematics, Artificial Intelligence, Algorithms, Computer Networks, Operating Systems, Database Management Systems
- Grade Point: 8.2 CGPA (Till 5th semester)

New Delhi, India	Bal Bharati Public School, Pitampura	July 2016 – June 2018

- Higher Secondary Certificate
- Relevant Coursework: Mathematics, Physics, Chemistry, Algorithms, Database Management Systems
- Percentage: 90%

SKILLS

Programming Languages - JAVA, C++, C, Python, SQL, JavaScript, 8085& 8086 Assembly Language Programming

Operating Systems - Linux, Unix, Windows, Mac OS **Networking Protocols** - UDP, TCP/IP Protocols

Technologies/Tools/Frameworks - HTML, CSS, React, Node, Git, JSON, Sass, SCSS, jQuery, XML, MATLAB, Eclipse, Bash/Shell, GitHub, NS3, StarUML, MySQL, Oracle PL/SQL, Java Servlets

Concepts - Object Oriented Design, Multi-threading, Algorithms, Data Structures, Distributed System and Database Design, Full Software Development Lifecycle

WORK EXPERIENCE

Web Development Intern	Sparks Foundation	July 2021 – August 2021

Interned at sparks foundation as a Web Development Intern.

Banking System (Flask, Python, MySQL, Bootstrap, Git, GitHub, XAMPP, phpMyAdmin)

- Designed, implemented and launched a banking system web application that allows user to perform monetary transactions with multiple users and also record their transactions/banking activities.
- Flow: Dashboard > Select and View One User Profile > Transfer Money > Select Receiver > View All Users > View Transfer History > Generate Report.
- Created a Report tab to generate a report of the account information of all the users and to save it in an excel file format.

Web Development Volunteer	Ministry of Housing and Urban Affairs	February 2021 – March 2021

- Volunteered in the Smart Cities Mission under the ministry of housing and urban affairs.
- Equipped the design team with the technical and development aspects of the project.
- Devised detailed technical and functional requirements of the project.

PROJECTS

Personal Portfolio (React.js, Bootstrap, GitHub API, Typist)

- Designed and developed a personal static website/portfolio template hosted with GitHub Pages, built to showcase my recent projects.
- Implemented the portfolio using React.js, Bootstrap and utilized GitHub API to incorporated my recent projects.

Basic Banking System (Flask, Python, MySQL, Bootstrap)

- Designed a basic banking system that allows user to perform monetary transactions with multiple users and also record their banking activities.
- Used Flask framework to build the web application and linked the application to the database using MySQL.

iPod Interface (React.js)

- Designed and developed an iPod user interface using React.js
- Designed classic iPod interface that enables user to traverse between a menu of options such as Settings, Games, Music and select a song to play.

Music Player (HTML5, CSS3)

- Conceptualized a fully responsive frontend layout for a music player app using only HTML and CSS.
- Implemented the frontend layout without using Bootstrap.

To-Do List App (HTML, CSS, JS)

- Implemented a fully responsive and functional TODO LIST to enable user to view, add or delete the tasks as and when required.
- Designed and implemented the failure model for the Algorithm to allow nodes that fail to be in handled real time.

Resume Webpage (HTML5, CSS3)

- Designed a fully responsive customizable layout for a resume webpage using only HTML and CSS.
- Implemented the frontend layout from scratch without using Bootstrap.

PROFESSIONAL TRAINING

Advance Front-End Web Development with React.	July 2020 - October 2020
Full Stack Web Development with Node.js.	February 2019 - July 2019
Data Structures and Algorithms with Java.	June 2018 – September 2018