SHUBHAM KUMAR

V.P.O NAHAN, DISTT-SIRMOUR, HIMACHAL PRADESH-173001

(+91) 9805764114 | Nimcetshubhamkumar@gmail.com

Skill Set and Interests

• **Programming Languages**: C++, Java, SQL, Python, Node.js.

• **Operating Systems**: Windows, Linux (Ubuntu)

• **Industry Knowledge**: Agile Methodology, OOPs, Data Structure, Algorithms, Operating System, Database Management System, Docker, Shell Scripting, Git, GitHub, Power BI

• **Tools**: Visual Studio Professional, IntelliJ, PyCharm.

Experience

Jul 2021-Present   **Software Engineer I at Cerner Corporation, Bangalore**

Recent Defect Corrections or Enhancements

- **Chart Flip Issue and Impact Analysis**   *(Nov 2021 – Nov 2021)*
- **Improved User Experience by resolving error "Unable to get property '$' of editor".**

                                                                                                              (Oct 2021 – Oct 2021)
- **Improved User Experience by fixing Internationalization Issue**   *(Sep 2021 – Sep 2021)*

Mass Build Tool   *(May 2021 – Aug 2021)*

Tools and Framework Utilized: - Docker, SSH, Jenkins, Shell & Batch Scripting.

- Mass Build Tool is an internal tool used to increase the efficiency & productivity of Engineers.
- Utilized to analyze changes in one module is causing any build failures for other modules or not.
- Used **Docker Container** to spin up Jenkins instance on Remote environment.
- Used **SSH Connection** to connect with Remote Environment and execute **Shell & Batch Script.**

Jan 2021-Jun 2021   **Software Intern at Cerner Corporation, Bangalore**

Crash Spike Dashboard and Alert Monitoring System   *(Jan 2021 – April 2021)*

Tools and Framework Utilized: - SQL, Power BI, Dbeaver

- Detected Crash Spikes from 2019 onwards & collected all required information about them.
- Fetched other information like Client details, fix details, fix adoption details by joining 7 different tables.
- Handled Huge amount of Data using Query Optimization techniques such as Subquery, Temporary Tables etc.
- Build Power BI Dashboard & Report to cover all possible scenarios.

Personal Projects

WORTH_IT Ecommerce Web Application

Tools & Framework Utilized: - Node.js, Express.js, MongoDB, Mongoose, HTML, CSS.

- Developed an **E-commerce Web Application** using Node.js which allows an authenticated user to buy products.
- Enabled the users to create and sign in to **secure Sessions**.
- Implemented **User Authentication** by restricting unauthorized user to gain access to restricted routes.
- Implemented **Authorization** by allowing only authorized user to update & delete product.

RESTful Web Service

Tools & Framework Utilized: - Java, Spring Boot, Spring MVC, Maven.

- Developed REST Web Service for Social Media Application using Spring Framework.
- Implemented (CRUD) functionalities i.e., Create, Retrieve, Update, Delete functionalities on Posts and Users.
- Used **Exception Handling** to provide accurate information about Error/Exception to Users.
- Used **Input Validations** to ensure user provide relevant information.

Education

National Institute of Technology Karnataka, India MASTER IN COMPUTER APPLICATION (2018-2021)
• CGPA: 7.85

Dr. Y.S Parmar P.G College Nahan, India BACHELOR IN COMPUTER APPLICATION (2014-2017)
• CGPA: 7.0

Jawahar Navodaya Vidhyalaya, Nahan HP, India CLASS XII (CBSE) (2013-2014)
• Percentage – 75%

Co-curriculars and Accomplishments

- Secured **All India Rank 30** in **BIT MCA**, National Level Entrance Exam for MCA.
- Received the **Best Performer Award** in Nakshtra'20 Technical Fest organized by NIT Calicut.
- Secured **1st Position** in Code Chamber event in Version'19, Technical Fest Organized by NIT Tiruchirappalli.
- Contributed to **1st Position** of Cricket team in Inter-Branch Cricket Tournament.

Positions of Responsibility

Active Member of Mind Fuel Club
Taught & guided students in getting started with Competitive Programming.

Core Member of IGNITE'20
Organized National level Fest for All India MCA students & conducted various Tech & Non-Tech events.