

Vivek Sharma

Senior Software Engineer, Full-stack

HBTI post-graduate with a strong skill set in Node.js, Express, MongoDB/SQL, React, and Vanilla JavaScript. Proficient in both front-end and back-end web development, with hands-on experience in React Native app development.

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- github.com/Gravity-I-Pull-You-Down

HARD SKILLS

NodeJS DSA Express MongoDB SQL BigQuery React-Native Regex JavaScript ReactJs C/C++14 Antrl4 Git Linux Angular

SOFT SKILLS

Problem Solving Adaptability Time Management Team Work Critical thinking

WORK EXPERIENCE

Senior Software Engineer, FullStack upGrad (Harappa Education)

06/2022 - Present

A prominent B2B leader in soft skills and leadership education.

Projects I worked on.

Integrated Program Journey (IPJ) - A soft skills learning platform where learners could access recorded sessions, participate in live classes, complete exercises, and engage with in-video quizzes to enhance their skill development.

Thrivarsity - Created a comprehensive soft skills learning library offering various pathways, courses, and masterclasses. Learners accessed a wide range of resources, completed exercises, and participated in in-video quizzes to advance their skill development.

Harappa School of Leadership (HSOL) - Integrated Online and Offline Soft Skills Development Program.

Admin Portal for Thrivarsity

Admin Portal for IPJ

Operations Portal for SSO Integration Management (for both IPJ and Thrivarsity) Designed and implemented a portal for the Operations team to efficiently add and manage incoming Single Sign-On (SSO) integrations across IPJ and Thrivarsity platforms.

- Designed and deployed a custom data ETL (Extract Transform Load) pipeline from MongoDB to BigQuery, surpassing previous Hevo-based solutions. Achieved a 35% reduction in data migration time, leading to annual cost savings of over 70% compared to Hevo licensing and over 45% against GCP Billing.
- Created a highly scalable and efficient ETL (Extract, Transform, Load) pipeline, utilizing MongoDB to BigQuery integration, to deliver insightful user progress reports to clients.
- Integrated multiple third-party applications into the portal as per specific requirements, including Outlook and Google Calendar integration, Zoom Meeting integration, and CleverTap integration for event-based nudging.
- Recognized for exceptional performance by the CEO in Q1 23-24 along with a cash prize for the outstanding contribution.

Okhla, New Delhi

Software Engineer, FullStack upGrad (Harappa Education)

Promoted in Mid Year

A Soft skills learning portal. One of the best in the B2B market.

- Developed scalable and efficient MongoDB queries and APIs to capture real-time learner progress and retrieve comprehensive course coverage data, encompassing video content, live master classes, and attempted exercises.
- I took full responsibility for automating the SAML-based Single Sign-On (SSO) integration process, serving over 20 SSO clients and 7+ unique Identity providers. I led the effort to streamline integration by automating standard procedures using Passport.js, resulting in significant time savings. As a result, the Turnaround Time (TAT) was dramatically reduced from over a month to a maximum of 2 days and a minimum of 2 hours.

Okhla, New Delhi

Software Developer Sapphire Applications

01/2021 - 05/2022

Data visualization and Web Development

- Developed Android and iOS applications for contact sharing via QR codes using React-Native.
- Built a front-end using React and Redux to display documents like ERDs, DFDs, and more using output from the ANTLR parser.
- Developed a COBOL parser using ANTLR4, with the development server hosted on AS400, and employing Node.js, Express, and DB2 to support the project.
- Developed Express/Node-based APIs to retrieve data from legacy programs written in languages like RPG and COBOL.

WFH

EDUCATION

M.C.A Harcourt Butler Technical University

08/2019 - 05/2022


Kanpur, 8 C.G.P.A

B.C.A Maharaja Surajmal Institute (GGSIPU)


08/2016 - 05/2019

Delhi, 8.2 C.G.P.A

PERSONAL PROJECTS

POSHAN Mobile APP (03/2019 - 04/2019) 

- A mobile application with the aim of improving the health and well-being of malnourished and underserved children, fostering their growth into healthy youth.
- Full-stack development using Android Studio and Java, incorporating Cloud Fire-store and Firebase.

EPHIALTES OF TRACHIS (11/2018 - 01/2019) 

- Developed a software application that discreetly captures and logs keyboard and mouse inputs on Windows-based computers.
- Backend Developer, C++.