Kumar Shubham

 github.com/Kshubhamm | https://www.linkedin.com/in/kumar-shubham-b961b5190/ | kshubham0411@gmail.com |
 +91-9751964416

EDUCATION

Vellore Institute Of Technology,Vellore   Jul 2019 - Jun 2023
Bachelors of Technology in Computer Science and Engineering   GPA: 8.74/10.0

Adarsh Public School, New Delhi   10th class : **10.0/10.0**
PCM with Computer Science   12th class : 92.4/100

EXPERIENCE

Shell   Aug 2023 - Present
Associate Software Engineer   Banglore, India
- **Azure AD Automation:** Optimized Azure Active Directory and automated workflows using Power Automate.
- **Power BI Dashboards:** Developed real-time Power BI dashboards for stakeholders, enhancing decision-making.
- **PowerShell Scripting:** Implemented automation solutions with PowerShell, ensuring systems compliance with Microsoft DSC.

Timely AI   Dec 2022 - Aug 2023
Software Engineer Intern   Remote, India
- **AWS Lambda Migration:** Migrated codebase from Google Colab to AWS Lambda, reducing processing time from 40 minutes to under 5 minutes.
- **CI/CD Pipeline Development**: Built an automated CI/CD pipeline for unit tests on GitHub commits, significantly reducing manual testing efforts.
- **Selenium Automation**: Developed Python scripts using Selenium to automate form filling, solving the missing leads problem.
- **Error Notification System**: Implemented Slack notifications for error handling, ensuring prompt issue resolution and system reliability.
- **Step Function Design**: Designed a step function to streamline processing workflows, enhancing operational efficiency.

GoComet India Pvt. Ltd.   May 2021 - Oct 2021
SDE Intern   Mumbai, India
- Conceived Updated process of RFQ bulk upload tor reduce time required from **55m to 3m by lowering DBlatency**
- Involved in a team for Migration of LRM Platform into Micro-services with ROR Engines maintaining test coverage of 93%.
- Implemented User Access Control (to Authenticate Authorise 26 types of role) persistent filter searchAPI.

Samsung R&d Institute Banglore   Nov 2021 - May 2022
Research Intern   Banglore, India
- Performed smooth inpainting of spatio-temporal holes in the video framing using information from neighbouring frames in real time(30fps).
- Ensured spatial continuity at the boundary for objects and edges.
- Optimised the algorithm for speed and number of neighbouring frames needed to perform inpainting.

PROJECTS

MedLink   Feb 2022 - Mar 2022
React JS, MetaMask, Ganache   https://github.com/Kshubhamm/MedLink
- Took a novel approach by leveraging IPFS, a decentralized and secure system.
- Uploaded the records in IPFS and are divided into nodes via this method, which returns a unique hash value for each record.

NearCab(Personal Project)   Nov 2021 - Dec 2021
React,Express,Node,SQL   https://github.com/Kshubhamm/NearCab
- Created an User login/SignUp with authentication and admin login providing special privileges to admin to manage booking
- Implemented features to prevent clash among bookings, check booking history, user authentication, user authorization
- Created responsive react pages for home, landing, login, city, cars, payments, booking history

E-Commerce   Jan 2020 - Feb 2021
A full stack MERN Project with payment support   https://github.com/Kshubhamm/E-Commerce
- Implemented the basic e-commerce features to allow users to add items to the cart, delete them from the cart or place an order.
- Read Stripe docs extensively and successfully enabled payments for orders through Stripe Checkout.
- Handled authentication securely using JSON Web Tokens and used MongoDB as a database with Node.js and Express powering the backend.

Achievements

Best Use Of Blockchain	Won the **best use of blockchain** track in HackKu, the annual flagship hackathon of **University Of Kansas**.	Apr 2021
Protocol Lab Winner	Won the protocol lab pool prize in blockchain track hosted on Devspost	Sep 2021
Global Rank 12	Got a **Global Rank 12** in Code Chef July Lunch Time Challenge by solving all the contest problems.	Jul 2022
Devspace Hackathon	Simplified the industry tender process by bringing all stakeholders at a single point web app and building an auction room for filtering orders and came **2nd in Industrial Collaboration Track**	Mar 2021

Technical Skills

Programming languages: C++, C, Python, Java,R,Ruby
Blockchain: Solana, Solidity, Ganache,IBM Ledger

Web Technologies: HTML, CSS, JavaScript,MERN
Miscellaneous: MySQL,BitBucket, Git, Shell

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