Rishik Kumar Sahu

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EDUCATION

•**Integrated Master of Science in Mathematics and Computing** *Jun. 2019 - May. 2024*
Birla Institute of Technology, Mesra CGPA: 8.62

•**Senior Secondary (XII - CBSE)** *Mar. 2018*
Sri Agrasen School, Bhurkunda Percentage: 76.40

EXPERIENCE

•**Web Developer** *Oct. 2021 - Mar. 2022*
Ghughar Media Pvt. Ltd. Freelance
- Developed captivating and responsive **landing pages** for products and services strategically driving an **increase of 20%** in conversion rates.
- Created cutting-edge, end-to-end websites, using **WordPress and ReactJS** to deliver seamless user experiences and helped in elevating user engagement to unprecedented levels and controlling bounce rates.
- Seamlessly **integrated secure payment gateways** on websites to facilitate online payments which catered **over 20,000 digital delivery** of products and services.

•**Android Developer** *May. 2020 - Jun. 2021*
Jharkhand Warrior Freelance
- Spearheaded the end-to-end development and deployment of the Jharkhand Warrior android app, leveraging **Native Android Development** within an agile development framework.
- Integrated **Firestore and Firebase Realtime Database** to facilitate video lesson consumption and test taking environment where more than 1000 users watched lessons and took tests.
- Integrated and managed video hosting platform Vimeo and created module to **prohibit video piracy**.

PROJECTS

•**LMS - Library Management System** *Live | GitHub*
- Developed a full-stack library management system web app with appealing design by using **Material UI.**
- The system allows librarians to add & manage books, members, book issues and payments.
- **Flask** Back-End is deployed on **Google Cloud** & ReactJS Front-End is deployed on Vercel.

•**PaperTrade - Demo Trading Platform** *GitHub*
- A customized back-end solution leveraging **Node.Js** is incorporated & front-end is developed on **React.Js**.
- Built custom authentication system using **JWT** ensuring secure user interactions and data integrity.
- Currently developing custom watchlist functionality to empower users with real-time market insights.

•**Class Bhim - Test Taking Solution** *Live | GitHub*
- An end to end MCQ test taking solution with **Android** app for students & React.Js **WebApp** for schools.
- User App - Take test, view result, paper analysis, notice, etc.
- Admin App - Create tests, manage students, assign test, etc.

TECHNICAL SKILLS

Languages:	C++, JAVA, HTML, CSS, Javascript, Python
Technologies:	Node.Js, React.Js, Express.Js, Native Android, Flask
Databases:	MongoDB, Firestore, MySQL, RoomDB
Tools:	Git, GitHub, Visual Studio Code, Android Studio, Firebase
Soft Skills:	Communication, Problem-solving, Teamwork & Adaptability
Areas of Interest:	Web Development & Android Development

EXTRA ACTIVITIES

•**Android App Development Workshop -** Conducted 3 days live workshop addressing 5000+ live learners. Taught to build WhatsApp Sender App & Grocery List App using Firebase & Android Studio. [*Link*]

•**Invited as Keynote Speaker at BITT Polytechnic -** Campus to Corporate (C2C) – Future scope of android development in industry & employability. [*Link*]