

# Rishu Kumar

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## EDUCATION

<b>ITER, Siksha 'O' Anusandhan University</b> Bachelor of Technology in Computer Science and Engineering, CGPA: 8.71/10 (Till 7th Sem.) <b>St. Jagat Gyan Public School</b> Intermediate in Science (XII), Percentage: 75% <b>St. Joseph's School</b> Matriculation (X), Percentage: 90.6%	Bhubaneshwar, Odisha Sept.2020 – Sept. 2024 Piska, Ranchi May 2018 – May 2020 Bhagalpur, Bihar May 2012 – April 2017
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## EXPERIENCE

<b>Android Developer Intern – Wedmist Pvt. Ltd.</b> • Developed a multi-page app offering various services including Mendhi, AC repairs, Video-shooting, and more. • Crafted a visually captivating UI, enhancing engagement and satisfaction through modern design principles. • Collaborated synergistically with the team to ensure the app adhered to and surpassed all design prerequisites.	June 2021 – Feb 2022
<b>Intern   Trainee – Finland Labs (FDP/STTP)</b> • Underwent specialized, intensive training by Finland Labs and IIT Roorkee, focusing on AI, ML, and IoT with AWS, acquiring expertise in cutting-edge technologies. • Built several projects including a comprehensive Home Automation project, allowing device control through a web-page interface and MQTT integration on Android.	Nov. 2020 – Dec. 2020

## PROJECTS

<b>Object Detection and JS'less Spotify</b>   ESP32S3, Svelte(Working) • Currently engaged in a significant project focused on object detection utilizing the ESP32-S3 microcontroller. • Additionally, I am constructing a JavaScript-free Spotify application, ensuring seamless functionality and user experience.
<b>Retail Analytics</b>   Python, Jupyter • (on Black Friday Sales Dataset) Executed comprehensive data preprocessing, conducted in-depth exploratory data analysis (EDA), and constructed predictive models, demonstrating adeptness in retail analytics and machine learning..
<b>Advanced Key-logger</b>   Python • Developed a sophisticated key logger with keystroke detection, email reporting, screenshot capture, and encryption capabilities, showcasing expertise in cybersecurity and software development.
<b>To-do Web-App</b>   Next, Appwrite • Developed a versatile To-do web application that enables users to efficiently manage their tasks while offering customizable layouts through intuitive drag-and-drop functionality. • The app allows users to upload images for enhanced organization and personalization.
<b>AI Summarizer</b>   ChatGPT, Rapid API • Created an open-source article summarizer that simplifies reading by transforming lengthy articles into clear and concise summaries, aiding in efficient information consumption. • The app stores the five most recent searches to prevent redundant data retrieval, enhancing efficiency and user experience.
<b>3D Portfolio Website</b> / React, React Three Fiber • Developed a captivating 3D portfolio using Three.js, showcasing my talents, skills, and professional experience in a visually stunning manner.

## WORKSHOPS AND CO-CURRICULARS

• Achieved second-runner up in Inter-University Robotics Line-Follower Competition at SIT, Bhubaneswar. • Completed training program on Block-Chain Technology organized by Finland Labs. • Completed Ultimate Milestone in Google Cloud Facilitator Program and 30 Days of Google Cloud. • Participated in IEEE CIS Summer School on “Techniques to address Challenges in Biomedical Data and Imaging”. • Actively attended workshops by Harvard Medical School during COVID-19 Pandemic to stay informed with accuracy. • Served as a member of Robotics Club at ITER, SOA. • Served as a member of the Google Developer Student Club at ITER.
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## TECHNICAL SKILLS

<b>Languages:</b> HTML, CSS, JavaScript, C, Python, Java, XML <b>Technology/ Frameworks:</b> Nextjs, Node, SvelteKit, Android Studio <b>Developer Tools:</b> GitHub, Git, VS Code, Thonny <b>Databases:</b> MySQL, MongoDB, Postgre SQL
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## RESEARCH PUBLICATIONS

• Implementation of Machine Learning based E-Healthcare in an IOT Environment, <a href="#">Eur. Chem. Bull. 2023, 12(Special Issue 4), 2561-2574</a> • AmanDeep Singh, P. Devi, Sankit Ramkrishna Kassa, <b>Rishu Kumar</b> , Veeramani Ganesan and Dillip Narayan Sahu, “A Novel method of IoT security System for Remote Patient’s Health monitoring and Alert System” Eur. Chem. Bull. 2023, vol. 12 (Special issue 4), pp. 10985–10999. DOI:10.48047/ecb/2023.12.si4.991
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## HOBBIES AND INTERESTS

• Passionate audiophile with a keen interest in hardware projects and webpage designs.
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