

SAHIL AHMAD

Software Developer

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📍 Lucknow, India

EXPERIENCE

Web Developer & Technical Content Intern

CodeSpeedy Technology Pvt. Ltd.

📅 Feb 2025 – Present, 📍 Remote

- Authored technical articles on **programming languages**, **algorithms**, and **web development**.
- Developed and documented **code snippets**, **tutorials**, and hands-on projects for developers.
- Researched and implemented **best practices** in coding, frameworks, and software development.
- Improved **SEO** and technical accuracy of articles to enhance content visibility and engagement.
- Strengthened expertise in **web technologies**, **debugging**, and structured programming.

PROJECTS

ByteAsk: Ask Freely. Learn Globally. | 🐙

React, Node.js, MongoDB Atlas, Tailwind CSS, Google OAuth

- Developed a global QnA platform enabling technical discussions and problem-solving, inspired by StackOverflow and Quora, using **React** for a responsive, intuitive UI.
- Engineered a robust backend with **Node.js** and **Express**, integrating with **MongoDB Atlas** for scalable data management.
- Implemented secure authentication via email/password and **Google OAuth**, ensuring seamless user onboarding and access control.
- Enhanced user engagement with interactive dashboards, gamification elements, and real-time notifications.

Attendance Notifier | 🐙

Python, Selenium, GitHub Actions, SMTP

- Engineered a fully automated attendance tracking system leveraging **Selenium WebDriver** for secure, programmatic login and data extraction from the student portal.
- Implemented scheduled **GitHub Actions workflows** for autonomous daily operations, ensuring consistent email notifications without manual intervention.
- Utilized **SMTP integration** to dynamically format and deliver attendance reports via email, optimizing academic tracking efficiency.
- Enhanced system robustness with **exception handling** and alert mechanisms, elevating automation reliability.

Jarvis: AI Assistant | 🐙

Python, SpeechRecognition, Generative AI

- Developed an AI assistant capable of **voice recognition** and **natural language processing** using Python's SpeechRecognition and Gemini's API.
- Implemented voice-activated commands to open web browsers (**Google**, **LinkedIn**, **GitHub**), fetch weather, and retrieve Wikipedia summaries.
- Integrated real-time weather fetching and Wikipedia search functionalities.
- Configured and utilized **Generative AI** for generating interactive responses to user queries.

EDUCATION

Integral University

Bachelor of Computer Applications, CGPA: 9.70/10.00

📅 July 2022 – June 2025, 📍 Lucknow, India

Central Board of Secondary Education (CBSE)

Intermediate, GPA: 9.41/10.00

📅 2021, 📍 India

Central Board of Secondary Education (CBSE)

High School, GPA: 8.97/10.00

📅 2019, 📍 India

ACHIEVEMENTS

- Won **HackHarmony 2.0 Hackathon** organized by HECA IU, April 1, 2024
- Second Position, Hackathon Organized by **CODE CLUB** and Departmental Placement Committee - CSE, September 29, 2023

TECHNICAL SKILLS

Languages: Python, C, C++, SQL, HTML5, CSS, JavaScript, Bash Scripting

Libraries/Frameworks: PyAutoGUI, PyperClip, BeautifulSoup, Selenium, SMTP

Developer Tools: Git, GitHub, GitHub Actions, Vim, Linux

Database Management: MongoDB