Curriculam Vitae

PERSONAL DETAILS

Name: Sushil Garbuja

Date of Birth: 02 May 1997

Age: 27

Gender: Male

Nationality: Nepali

Address: Annapurna Rural Municipality 01 Doba, Myagdi

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CAREER OBJECTIVE

To leverage my technical expertise and problem-solving skills as an In-house System Engineer by managing and enhancing IT infrastructure, providing efficient support for hardware and software systems, and ensuring seamless network operations. My goal is to contribute to organizational efficiency and growth by implementing innovative solutions and maintaining a secure, reliable IT environment.

EDUCATION HISTORY

Bachelor's Degree

Institution: Mount Annapurna Campus

University: Tribhuvan University

Percentage: 68.67

Major: Bachelor of Science in Computer Science and Information Technology

Year: 2020

Final Project: Smart Health Care Prediction System

Link: https://github.com/sushilgarbuja/disease_prediction

SKILLS:

- **DS/ML/AI:** Python, Langchain, ANN/CNN techniques, Transfer Learning etc.
- **Python Framework/Modules:** Sklearn, Pytorch, Tensorflow, Numpy, Pandas, Opencv.
- **MLOps Tools:** Dvc, Mlflow, git actions (CI/CD), Monitoring, Building Rest APIs.
- **Web Dev:** Html, CSS, Bootstrap, Tailwind CSS, Django, React Js, Node Js, Express.
- **Programming and DB language:** Python3, Mysql, Mongodb, Postgresql.
- **Cloud based Development and containers**: AWS S3, Cloudinary, Digital Ocean spaces, Git, Docker, Heroku.
- **Data Visualization:** Tableau, PowerBi, Seaborn, Matplotlib.

WORK EXPERIENCE:

1. **Malika Rural Municipality, Myagdi**
   IT Officer
   Duration: (2024/04-Present)
   Key Responsibilities:
   - **IT Infrastructure Management:** Manage and maintain the organization's IT infrastructure, including computers, servers, and networks.
   - **Software and Hardware Management:** Install, configure, and update software and hardware systems as needed. Employee Training: Provide training to employees on how to effectively use software, hardware, and IT tools.
   - **Data Backup and Disaster Recovery:** Ensure regular data backups and maintain disaster recovery plans for emergencies.
   - **Email Management:** Check official emails regularly and forward them to relevant organizations or departments as required.
   - **Website Management:** Design, update, and maintain the rural municipality's website to ensure accessibility and up-to-date information.
   - **Technical Troubleshooting:** Troubleshoot and resolve network and computer issues to ensure smooth operations.
   - **Device Maintenance:** Maintain and repair printers, scanners, and other devices used within the organization.
   - **IT Security:** Oversee the security of IT systems, including antivirus updates and firewall configurations.
   - **Network Management:** Manage the local area network (LAN) and ensure proper connectivity for all employees.
   - **Technical Support:** Provide IT support for meetings, events, and other activities requiring technical assistance.

2. **Tamankhola Rural Municipality, Baglung**
   IT Officer
   Duration: (2023/12-2024/04)
   Key Responsibilities:
   - **IT Infrastructure Management:** Manage and maintain the organization's IT infrastructure, including computers, servers, and networks.
   - **Software and Hardware Management:** Install, configure, and update software and hardware systems as needed. Employee Training: Provide training to employees on how to effectively use software, hardware, and IT tools.
   - **Data Backup and Disaster Recovery:** Ensure regular data backups and maintain disaster recovery plans for emergencies.
   - **Email Management:** Check official emails regularly and forward them to relevant organizations or departments as required.
   - **Website Management:** Design, update, and maintain the rural municipality's website to ensure accessibility and up-to-date information.
   - **Technical Troubleshooting:** Troubleshoot and resolve network and computer issues to ensure smooth operations.
   - **Device Maintenance:** Maintain and repair printers, scanners, and other devices used within the organization.
   - **IT Security:** Oversee the security of IT systems, including antivirus updates and firewall configurations.
   - **Network Management:** Manage the local area network (LAN) and ensure proper connectivity for all employees.
   - **Technical Support:** Provide IT support for meetings, events, and other activities requiring technical assistance.

3. **Shree Yogendra Secondary School, Mustang**
   Computer Teacher
   Duration: (2022/07-2023/12)
   Key Responsibilities:
   - **Planning and Preparing:** Develop lesson plans, teaching materials, and practical exercises to meet the curriculum requirements.
   - **Researching:** Stay updated with the latest trends and advancements in technology to enhance teaching methods and resources.
   - **Documentation:** Maintain records of student progress, attendance, and assessments, ensuring proper documentation of lab activities.
   - **Encouraging Students:** Motivate and inspire students to explore and develop their technical skills and creativity in computing.
   - **Continuous Improvement:** Identify areas for improvement in teaching techniques and lab management to enhance learning outcomes.

4. **Thulo Technology Pvt. Ltd., Pokhara**
   Python Django Intern
   Duration: (2021/01-2021/04)
   Key Responsibilities:
   - **Develop Web Applications:** Assist in building and maintaining web applications using Python and Django.
   - **Write and Test Code:** Create clean and efficient code, and perform testing to ensure functionality.
   - **Work with Databases:** Manage and interact with databases, including designing schemas and writing queries.
   - **Debugging and Troubleshooting:** Identify and fix issues in the code to improve application performance.
   - **Collaborate with Team:** Work closely with senior developers, designers, and other team members on project tasks.
   - **Learn and Apply:** Continuously learn new concepts and apply them to solve real-world problems.
   - **API Integration:** Assist in creating and integrating RESTful APIs into applications.
   - **Documentation:** Write clear and concise documentation for code and processes.

5. **Digo Nepal, Pokhara**
   Website Designer
   Duration: (2019-2021)
   Key Responsibilities:
   - **Website Design and Development:** Create visually appealing and user-friendly websites using WordPress themes and templates.
   - **Customization:** Customize WordPress themes and plugins to meet client requirements.
   - **Content Management:** Manage and update website content, including text, images, and multimedia elements.
   - **Responsive Design:** Ensure websites are fully responsive and optimized for various devices and screen sizes.
   - **SEO Optimization:** Implement basic SEO practices, such as optimizing images, meta tags, and site performance.
   - **Website Maintenance:** Regularly update WordPress core, plugins, and themes to ensure security and functionality.
   - **Troubleshooting:** Diagnose and fix website issues, including errors, bugs, or layout problems.
   - **Performance Optimization:** Improve website performance by optimizing loading speed and ensuring smooth navigation.
   - **Collaboration:** Work closely with content creators, graphic designers, and clients to deliver projects that meet expectations.

- **Testing and Quality Assurance:** Test websites for cross-browser compatibility, usability, and performance before deployment.
- **Security Management:** Implement security measures to protect websites from vulnerabilities and cyber threats.
- **Integration:** Integrate third-party tools and services, such as analytics, payment gateways, and forms.

CERTIFICATION:

- Full Stack Course from Digital Pathshala.
- Web Design from Broadway Infosys.
- Basic Website Development from Ecommerce Sathi.
- Basic UI/UX Design from Ecommerce Sathi.
- Mobile App Development with dart Flutter and Node.js from xdezo Academy.
- Python Django Intern from Thulo Technology Pvt. Ltd.

PERSONAL PROJECT:

- **MERN Backend:**
  Developed Backend using MERN (MongoDB, Express Js, React Js, Node Js).
  Link: https://github.com/sushilgarbuja/MERN

- **Porfolio Web Application:**
  A web-based application for personal portfolio where user can upload their details and view as their portfolio web application.
  Tech Stack: HTML, CSS, JS, Bootstrap, PostgreSQL and Bootstrap, Kaggle.
  Link1: https://sushilgarbuja.com.np/
  Link2: https://sushilgarbuja.github.io/portfolio/

- **News Portal Website:**
  News portal website UI using Bootstrap.
  Link1: https://sushilgarbuja.github.io/newsportal/
  Link2: https://sushilgarbuja.github.io/kheladi.com/

- **Weather App:**
  Weather App using HTML, CSS and JavaScript
  Link: https://sushilgarbuja.github.io/weather-app/

- **Password Generator:**
  Password Generator using HTML, CSS and JavaScript. Link:
  https://sushilgarbuja.github.io/password-generator/

- **QR Code Generator**
  QR Code Generator using HTML, CSS and JavaScript.
  Link: https://sushilgarbuja.github.io/qrcodegenerator/

- **Chatbot:**
  Chatbot using HTML, CSS and JavaScript.
  Link: https://sushilgarbuja.github.io/chatbot/

- **Netfilx UI Design Netfilx UI Desing in figma.**
  Link: https://www.figma.com/proto/AwoWUYWCKpPx5rPb3bz8C4/Netfilx-Clone?page-id=0%3A1&node-id=1-2&t=lCYFVe70E7u8cQPd-1

- **Quiz App: Quiz App using HTML, CSS and JavaScript.**
  Link: https://sushilgarbuja.github.io/quizapp/