Ankur Belbase

Programmer

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Languages

English	German	Nepali
C1	B1	Native

Profiles

ankurbelbase	ankurbelbase
GitHub	LinkedIn

Volunteering

BitsInnovation
Mentor

- Mentored in various Python/Django & Git/GitHub workshops.
- Mentored "Girls in ICT Hackathon, 2018" in Kathmandu

Internships

BitsInnovation Pvt. Ltd
Python Programmer
Dec 2016-April 2017

- Learn relevant Python and UX/UI knowledge to design and develop programs.
- Wrote maintainable code in a team environment for various projects.
- Actively participate in a product development cycle.

Summary

Detail-oriented Software Engineer with more than two years of commercial application and software development experience. I have consistently demonstrated a keen attention to detail. Notably, I achieved a 25% reduction in downtime through advanced database integration skills. During pivotal project phases, I maintained over 90% on-time project completion, even stepping in as a temporary team leader when needed.

My commitment to learning and adapting to new technologies ensures high-quality solutions, while my excellent writing, analytical thinking, research, and time management skills underscore my dedication to the job.

Professional Summary

- Over 3 years of experience in Web Development, Testing, and documentation of web-based applications using Django/Python, Node/Angular/VueJS, HTML, CSS, and JavaScript.
- Hands-on experience with container systems like Docker and container orchestration like Kubernetes.
- Experience in database programming like MySQL, PostgreSQL, and MongoDB.

Work Experience

Comfort AR   December 2023-Present
Developer   Paderborn, Germany
http://comfort-ar.de/

- Utilized Node.js and AngularJS to develop robust backend and frontend systems.
- Spearheaded the development of a backend system for the company's website using Node.js and MongoDB, ensuring efficient data management and scalability.
- Played a pivotal role in creating an e-commerce site, implementing key features and functionalities to enhance user experience and drive sales.
- Collaborated with cross-functional teams to ensure seamless integration of frontend and backend components, resulting in a cohesive and user-friendly website.

University Paderborn   May 2023-December 2023
Master Thesis   Paderborn, Germany

- **Web Scraping for STL Models:** Leveraging web scraping techniques, I collected STL models, a common 3D printing file format, from online sources.
- **G-Code Generation with Python:** Using Python programming, I developed a system for generating G-Codes.
- **G-Code Analysis and Visualization:** Employing Python libraries such as Pandas and MatPlotlib, I performed in-depth analysis and visualization of G-Code data.
- **Machine Learning and Statistical Method for Slicer Detection:** I implemented machine learning algorithms as well as statistical analysis to automate the identification of slicer software used to generate G-Code.

Wave It Solution   October 2022-November 2023
Web Application Manager   Kathmandu, Nepal

- Actively participated in web application management based on Angular.

University Paderborn   Oct 2019-Oct 2020
Master Project(DOORSTEP)   Paderborn, Germany
https://hni-old.uni-paderborn.de/ase/lehre/projektgruppen/digital-tools-for-strategic-planning-doorstep/

- **Web Application Development with Node.js:** Created a user-friendly web application that served as a centralized platform for automating product deployment decisions. This application enabled clients to efficiently input key factors, such as market-related pains and gains associated with potential product launches.
- **MongoDB Database Integration:** Implemented a MongoDB database system to facilitate seamless data management.
- **Real-World Data Analysis and Visualization:** Undertook the challenging task of analyzing and visualizing real-world bog data during the project. I employed various Python libraries to perform data cleaning, identify outliers, and craft insightful visualizations.

BitsInnovation   April 2017-August 2018
Software Developer   Kathmandu, Nepal

- Developed Python-based REST-ful web service using Django REST framework and PostgreSQL for many applications.
- Deployed the project into Digital Ocean and Heroku using the GIT version control system.
- Used Scrappy framework for scraping data from various websites.
- Involved in code reviews using GitHub pull requests.
- Used Celery as a task queue and RabbitMQ as a messaging broker to execute asynchronous tasks.
- Mentored and assisted with the activities of interns.

Skills

Python	Django	MongoDB	SQL	Node.js
Angular	Vue.js	Coding and Scripting	Linux	HTML & CSS
Docker	REST API	RUST Programming		

Education

Universität Paderborn   April 2019-Dec 2023
Intelligence and Data   Master(Computer Science)
https://www.uni-paderborn.de/

Tribhuwan University   Jan 2013-Jan 2018
Computer Science   Bachelor