

AKASH KUMAR PANDA

FULL STACK PYTHON DEVELOPER

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Professional Summary

Results-driven Computer Science graduate with a strong foundation in Full Stack Python Development and Cloud Computing (AWS). Skilled in building responsive and scalable web applications using React.js, Node.js, and Python. Experienced in deploying secure, efficient cloud solutions and managing version control with GitHub. Proficient with development tools such as Google Colab, Jupyter Notebook, and VS Code. Adept in digital marketing strategies including SEO, Google Ads, GTM, and Google Analytics to enhance online visibility. Committed to delivering high-quality, user-focused solutions and continuously evolving with modern technologies and industry practices.

Experience

Intelligent AWS Application

2023 – 2024

Full Stack Developer

- Developed user authentication, responsive designs, and seamless AWS data management solutions.
- Analyzed business data to uncover growth opportunities and improve decision-making.
- Created detailed reports to support faster and more informed strategic decisions.
- Led numerous ad campaigns, significantly enhancing brand visibility and driving profitability.
- Improved SEO strategies, boosting organic traffic through optimized keywords and effective backlinking.

Projects

Note – Taking App

- Built a note-taking app with React for an interactive UI and AWS for secure storage and data backup.
- Implemented user profile management for creating, updating, and deleting notes seamlessly.
- Integrated Node.js for a scalable back-end and AWS for efficient data handling.
- Designed a responsive, modern interface with intuitive navigation and real-time updates for an enhanced user experience.

KEEPER APP

- Developed Keeper App, a document management solution that enhanced note-taking efficiency and reduced retrieval time through advanced tagging and categorization.
- Designed a cost-effective serverless AWS infrastructure, achieving 30% cost savings while scaling to support over 1,000 users seamlessly.
- Implemented document conversion capabilities (PDF, Word, Excel), improving format compatibility and reducing document-related issues significantly.

Aspect-Based Sentiment Analysis using GAN-BERT Model

- Developed a deep learning model integrating BERT and GANs to perform Aspect-Based Sentiment Analysis (ABSA) on restaurant reviews.
- Achieved 96.9% accuracy, surpassing baseline BERT (90%) and GAN (91%) models.
- Utilized semi-supervised learning, leveraging both labeled and unlabeled data for robust sentiment classification across five aspects.
- Technologies: Python, TensorFlow, Hugging Face Transformers, Pandas, NumPy, Scikit-learn, Matplotlib.

Education

Government College of Engineering, Kalahandi

2021 - 2025

Bachelor of Technology in Computer Science and Engineering

Skills & abilities

- **Programming & Development:** Python, HTML, CSS, JavaScript, React.js, Node.js, MySQL
- **Cloud & Infrastructure:** AWS
- **Digital Marketing:** Google Ads, Meta Ads, Google Tag Manager (GTM), Google Analytics, SEO (On-page & Off-page)
- **Tools & Platforms:** GitHub, Google Colab, Jupyter Notebook, VS Code

Certification

- Full Stack Developer (Web) with AWSAIAPP
- Facebook Business Manager
- Google Tag Manager Fundamentals
- Google Analytics for Beginners
- SEO Strategies