

MANOJKANNAN S

Karur, Tamil Nadu • 9791959126 • kannans642002@gmail.com
github.com/kannanmanoj

SUMMARY

Data Analyst with expertise in Python, SQL, Amazon SageMaker, and Power BI. Skilled in data analysis, visualization, and automation, with a strong foundation in bioinformatics. Effective collaborator, focused on turning data into actionable insights to drive strategic decisions.

WORK EXPERIENCE

Analyst , Objectways

Apr 2024 - Present

- Utilized Excel, SQL, and Python for data analysis and automation, delivering accurate insights.
- Developed interactive Power BI dashboards for key metrics. Leveraged Amazon SageMaker for data processing and predictive analytics. Used Outlook for effective team collaboration.

Software Development Intern, Cognifyz Technologies

Aug 2024 - Present

- Developed software applications, including a text-based game, number pattern generator, and CRUD operations console app.
- Enhanced application functionality by implementing file I/O for data persistence and designed a temperature converter.
- Applied best practices in programming, debugging, and testing to deliver reliable code.

Web Development Intern - Digital Bhem

Jan 2024 - Mar 2024

- Developed responsive and user-friendly web applications using HTML, CSS, and JavaScript.
- Implemented basic React components to enhance interactivity and state management.
- Enhanced website performance and user experience through code optimization and testing.

PROJECTS

- Web Interfaces: Hypertension-associated SNPs Database (BPSNPs):** Created intuitive web interfaces for a database of hypertension-associated SNPs, facilitating access to genetic information and research resources. (Freelancing)
- JavaScript Project: Interactive E-commerce Website:** Developed an interactive e-commerce website featuring dynamic product listings, shopping cart functionality, and user authentication using HTML, CSS, and JavaScript. Implemented React.js for a responsive user interface

EDUCATION

Master of Science in Bioinformatics

Bishop Heber College

Jun 2022 - Apr 2024

- Thesis on " Comprehensive Analysis and Web Interface for Dementia Research ".
[https://kannanmanoj.github.io/dementia/HOMEPAGE_1.html]

Bachelor of Science in Bioinformatics

Bishop Heber College

Jun 2019 - May 2022

- Project thesis on " Echinodorus Grandiflorus and Molecular Docking Interaction to Identify Potential Inhibitors Against SARS-CoV-2 ".

ADDITIONAL INFORMATION

- Technical Skills:** Frontend Developer (HTML, CSS, JavaScript, React.js), Python, Java, MySQL, DevOps, Data Analyst, Git and GitHub, Visual Studio Code
- Certifications:**
 - Pygame from GUVI
 - Android Mobile Application Development from NPTEL
 - Machine Learning in Biological and Medical Sciences at the Indian Science Congress Association (ISCA).
 - Accenture North America's Data Analytics and Visualization on Forage
 - Basic Bioinformatics Tools and Software in LearntoUpgrade
 - Linux-based NGS big data analysis in the Bioberry Healthcare and Research Centre
 - Complete Front-End Development from Simplilearn