

BA Pranava

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Chennai, Tamil Nadu, India

EDUCATION

Easwari Engineering College

Bachelor of Engineering in Computer Science Engineering (AI & ML)

Chennai, Tamil Nadu

Sep 2023 – Sep 2027

EXPERIENCE

Quantitative Analyst

Bullseye Fintech

Jan 2026 – May 2026

Chennai, Tamil Nadu

- Developed agentic trading systems leveraging AI/ML for automated decision-making in financial markets
- Implemented quantitative models for financial analysis and risk assessment using Python and statistical methods
- Built data pipelines for real-time market data processing and analysis

Junior Developer

Acroama Gnan Vikas

May 2025 – Dec 2025

Chennai, Tamil Nadu

- Designed and implemented web-based solutions for statistical problem-solving
- Developed data visualization tools and analytical dashboards for statistical analysis
- Collaborated with team to build reproducible research tools and workflows

PROJECTS

binomcikit | *Python, Statistics, NumPy, SciPy*

2024 – Present

- Developed a Python package for calculating confidence intervals in statistical analysis using binomial distributions
- Created comprehensive API documentation and examples for researchers and data scientists
- Implemented multiple confidence interval estimation methods with reproducible research standards
- Published as open-source package with focus on code quality and maintainability

ToFUL (Tool for Uncertainty Learning) | *Python, Scientific Computing*

2024 – Present

- Built a Python package focused on uncertainty quantification and analysis for computational workflows
- Implemented uncertainty propagation algorithms and statistical analysis tools
- Designed for research-grade accuracy with comprehensive documentation
- Enables researchers to handle and propagate uncertainties in scientific computing applications

TECHNICAL SKILLS

Languages: Python, Haskell, SQL, Bash

Frameworks & Libraries: TensorFlow, PyTorch, NumPy, pandas, SciPy, Matplotlib

Developer Tools: Git, GitHub, Neovim, VS Code, PyCharm, Jupyter, Power BI

Operating Systems: Linux (Arch, Ubuntu), Windows

Documentation & Writing: LaTeX, Markdown, Technical Writing, API Documentation

Areas of Expertise: Statistical Modeling, Machine Learning, Deep Learning, Data Visualization, Uncertainty Quantification