

Aniket Vilas Panchal

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EDUCATION

Bachelor of Computer Application, Computer Science Department.

August 2021 - May 2024

Tilak Maharashtra Vidyapeeth University, Pune.

Semester GPA : 7.40

- Studied at **Navinchandra Mehta Institute of Technology and Development**, Mumbai (Affiliated to Tilak Maharashtra Vidyapeeth).
- Key Courses:** OOP, OS, Software Testing, ERP, Java, Python, C++, Linux, UML, Cloud Technology.

EXPERIENCE

Angular Developer, Internship.

July 2024 - September 2024

Markets Mojo, Stock Research Organization, Mumbai.

github.com/babanigit/markets_mojo_v16 | [Link](#)

- Migrated old Angular pages to **Angular 16 + TypeScript**, boosting performance.
- Integrated **Highcharts** for Data Visualization, improving insights by 30%, and leveraged **Chrome DevTools** to enhance Debugging and profiling efficiency.

CERTIFICATIONS

Cybersecurity, Google, [Link](#) | Data Analytics, Google, [Link](#)

- Covered **SIEM Tools**, Threat Mitigation, Incident response, Python, Linux.
- Focused on Data Wrangling, Dashboards, and **Statistical Analysis** using SQL, R, and Spreadsheets.

PROJECTS

Fin-Shark, Finance Researcher App.

ASP.NET web API, PostgreSQL, React.js, Docker, Tailwind CSS

github.com/babanigit/Finshark | [Link](#)

- Implemented secure user authentication using **ASP.NET Identity**, achieving a 99% success rate and ensuring data integrity and protection for all users.
- Built an **interactive commenting feature** that increased user engagement by 40%, enhancing platform Interactivity and Retention.
- Optimized API performance by 30% through the use of **DTOs**, **Interfaces**, and **Query Parameters**, reducing response time and improving scalability.
- Integrated **FMP API** to fetch company data, delivering 100% **Real-Time Stock Updates** and improving financial tracking accuracy across user portfolios.

Tic-Tac-Toe, Online Multiplayer Game.

React.js, Express.js, Mongodb, Node.js, Typescript, Docker

github.com/babanigit/Tic-Tac-Toe-Game | [Link](#)

- Set up **Stream Chat as an alternative to Socket.io** for real-time messaging, improved communication efficiency by 40% in multiplayer gameplay.
- Established user authentication with **Bcrypt** and **JWT**, enhancing security while supporting 100+ concurrent players in a fully responsive, interactive UI.

RunGroop, Runners Social Platform.

ASP.NET 9 MVC, PostgreSQL, Docker, Bootstrap

github.com/babanigit/RunGroop_RunnersApp | [Link](#)

- Executed **JWT-based session authentication**, enhancing login security by 2x.
- Designed and deployed a responsive UI using **Bootstrap**, increasing mobile usability by 60%.
- Dockerized** and deployed the application on **AWS EC2**, improving scalability and uptime by 99.9%.
- Optimized database queries and models with **Entity Framework** and PostgreSQL, reducing data retrieval time by 35%.

SKILLS

Languages: C/C++/C#, **Java Collections**, **TypeScript**/JavaScript, Python, **SQL**, **HTML/CSS**.

Frameworks: **ASP.NET**, **Angular**, **Next.js**, Django, Express.js, **Node.js**, React Native.

Libraries: **React.js**, **Redux**, Axios, Socket.io, Tailwind CSS, Chart.js/Highcharts.

Databases: MongoDB, MySQL, **PostgreSQL**, **SSMS**.

Developer Tools: **AWS EC2**, Postman, Git, **Docker**, Firebase, **Linux/BASH**, Chrome DevTool.

Concepts: MVC, SSR, **Computer Networking (OSI/TCP/IP)**, JWT Authentication, WebSockets.