Agageldi Artykov

 LinkedIn | 425-610-7271| sequery.tech | agageldi.artykov@gmail.com | GitHub

Skills

- Java | Python | Django | Flask | JavaScript | Node | Express | React | Redux | Next | Git | Sqlite3 | PostgreSQL | MongoDB
- Full-Stack | Frontend | Backend | English, Turkmen, Turkish – *All professional proficiency or above*
- CI/CD | Unit Testing | OOP | Cloud Computing | Github | Gitlab | AWS | Docker | Postman | Slack | Jira | Notion

Experience

Software Engineer Intern   **RealmAI**   *Seattle, WA, USA*   **05/2023 - 09/2023**

- Led a team of front-end interns in developing a high-performance prototype for the Y-Combinator, utilizing Agile methodologies to enhance collaboration and efficiency within the team.
- Enhanced web performance by 30% through strategic application of caching, lazy loading, and prefetching, utilizing CDNs for optimal content delivery.
- Utilized Next.js to increase user traffic by 20% and integrated Redux for efficient state management across the application.
- Crafted custom React components to automate testing processes, resulting in a 10% reduction in bugs and errors, thereby increasing the reliability of the application.
- Used Postman for rigorous API testing, GitHub for version control and task management, and AWS for hosting and content delivery, acquiring valuable skills in modern web development technologies.

Backend Developer   **Pikir**   *Ashgabat, Turkmenistan*   **05/2021 - 11/2021**

- Led backend development for multiple critical applications including a restaurant menu app, delivery app, and e-commerce platform, significantly enhancing application performance and user satisfaction.
- Engineered RESTful APIs to augment scalability and server-client independence, streamlining updates and system maintenance.
- Utilized Python libraries such as Pillow for image processing, Celery for managing task queues, and Django with DjangoREST for robust API development.
- Developed reusable components like custom serializers and authentication middleware, reducing redundant coding efforts by 45% and accelerating project delivery.
- Optimized database operations by refining query structures and implementing partitioning strategies, which decreased server load by 35% and improved API response times by 40%.

Software Developer, Contract   **Freelancer**   *Ashgabat, Turkmenistan*   **10/2019 - 01/2021**

- Designed and deployed a diverse range of web applications, including e-commerce platforms, educational solutions, and market management systems, tailored to meet specific local business needs within stringent national guidelines.
- Developed custom web applications that fully complied with client specifications, utilizing Python's flexibility to create solutions that set new standards for functionality and user satisfaction.
- Mastered a broad toolkit of technologies, using Django, Flask, Node.js for backend development; React.js, Sass, Bootstrap, and MaterialUI for frontend design; and PostgreSQL, SQLite3, and MongoDB for database management.
- Implemented advanced performance optimization techniques, including effective caching, and database optimization to ensure high-speed loading and responsiveness increasing customer engagement by an average of 65%.
- Used Jira for project management, maintaining communication with clients to align project objectives and deliverables.

Education

Associate of Science   **Cascadia College**   *Bothell, WA, USA*   **03/2023 - Present**

- Major in Computer Science
- Co-founder & Vice-President of the Programmers Club | Member of the Cascadia Chess Team
- Member of Phi Theta Kappa Honors Society | Member of Cascadia Scholars Program
- Courses: Precalculus | Calculus | Statistics | Java | Intermediate Programming | Advanced Programming

Projects

- **Ukyply:** Spearheaded the development of Turkmenistan's first online education platform, which was successfully integrated into the national educational system and sold it for $1,000 to the Ministry of Education. **(09/2020 - 04/2021)**
- **Alabay:** Engineered an advanced license plate recognition system, which was recognized at the National Innovation Competition and subsequently acquired for 900$. **(10/2020 - 12/2020)**
- **Katip:** Conceptualized and executed a comprehensive employee management application, which has been adopted by multiple enterprises to streamline their operations. (**07/2021 - 02/2022)**