PARVIN A. SATTOROVA · Front End Software Developer

nanajon66@gmail.com • (303) 550 – 8945 • LinkedIn.• GitHub

SKILLS

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Web Development & Frameworks: HTML, CSS3, JavaScript, React, React Router, TypeScript, Dreamweaver, Flash, Apollo Client, CI/CD
UI/UX Design & Graphics: Adobe Photoshop, Image Ready, Microsoft Visio
Version Control & Collaboration Tools: Git, GitHub, GitHub Pages
Accessibility & User Experience: A11y
Testing & Quality Assurance: Mocha/Chai, Cypress, ISTQB Certified Tester (CTFL), JIRA, Bugzilla
Operating Systems: Linux, Windows 7, Windows NT, Windows XP
API Interaction & Tools: RESTful APIs, Postman

PROJECTS

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Avicenna Method | Solo Project | 15 hours | GitHub Repository | Deployed Link
Tech Stack: JavaScript, HTML5, CSS, Node.js, Git, React, React Router, Cypress, GitHub Projects.
- Crafted a dynamic React app highlighting Avicenna's relaxation techniques.
- Integrated React Router for navigation and employed Cypress for rigorous testing.
- Prioritized mobile-first responsive design for broad device compatibility.

Refuge - AidConnect/RefugeeAid | Group Project| 30 hours | GitHub Repository | Deployed Link
Tech Stack: JavaScript, HTML5, CSS3, Node.js, React, GraphQL, Apollo Client, Cypress, CI/CD, GitHub Pages
- Developed a platform to efficiently connect aid workers and compassionate citizens with refugee camps or organizations, ensuring timely and specific aid.
- Delved deep into GraphQL for effective and adaptable data retrieval and utilized Apollo Client for comprehensive state management.
- Integrated a dynamic real-time feed, an interactive map interface, and educational resources, prioritizing user needs and feedback to drive platform features and design.

Rancid Tomatillos | Group Project | 25 hours | GitHub Repository | Deployed Link
Tech Stack: JavaScript, HTML5, CSS, Node.js, Git, React, React Router, Cypress, GitHub Projects
- Engineered a cinema platform using React, users to browse movies, view details, and trailers.
- Applied advanced JavaScript to introduce dynamic functionalities, enhancing user interactivity.
- Utilized Cypress for automated e2e testing, ensuring reliability across browsers and devices.

Parks Passport | Group Project| 30 hours | GitHub Repository | Deployed Link
Tech Stack: HTML5, CSS, TypeScript, React, React Router, Cypress, GitHub
- Crafted a web app for users to explore and save national parks of interest.
- Self-taught TypeScript, supplementing with tutorials, YouTube, and peer support.
- Ensured a functional, user-friendly experience with a live deployment.

EchoStar Technologies L.L.C., Englewood, Colorado.

System/SW/Test Engineer II (2001 – 2016)
- Led design, deployment, and maintenance of Set-Top Box test systems, performed component-level troubleshooting, and enhanced system functionality.
- Provided satellite test transport streams to teams and defined testing scope, streamlining test operations, and facilitating processes.
- Actively participated in cross-functional teams, drove process improvements, and provided solutions for field issues, significantly enhancing product quality and customer experience.

MSHOW.com, Inc., Highlands Ranch, Colorado.

Senior Content Producer (1999 - 2001)
- Responsible for creating and editing HTML scripts, enhancing website functionality. Streamlined content delivery over the web through appropriate technologies.
- Conducted software testing of MSHOW service offering, improving product performance. Maintained test network environment, ensuring seamless testing operations.

ASSOCIATE PROFESSOR and DIRECTOR OF COMPUTER LABORATORY

Tajik Technical University, Dushanbe, Tajikistan
(1988 – 1996)
- Developed, tested, and documented software applications and engineer solutions using Fortran.
- Provided computer-training programs for the university faculty.

EDUCATION AND RELEVANT CERTIFICATIONS

Turing School of Software and Design, Denver, CO   2023
Accredited Fronted Software Engineering Certificate

George Washington University, Washington D.C.   1998
Research Scholar, MBA courses

Tajik Technical University, Dushanbe, Tajikistan   1989
PhD program in Microeconomics, ABD
Master of Science in Computer Science
Bachelor of Science in Computer Science

CERTIFICATIONS
ISTQB Certified Tester, Foundation Level (CTFL) - International Software Testing Qualification.

LANGUAGES
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Fluent in English, Farsi/Tajik, Pamiri and Russian