

**NOTICE OF VACANCY**  
**State of New Jersey**  
**Higher Education Student Assistance Authority**  
**Quakerbridge Plaza**  
**Trenton, NJ 08625**

**NOTE: EXTENDED CLOSING DATE**  
**(If you already applied for this position you do not need to reapply)**

**ISSUE DATE:** September 6, 2022      **CLOSING DATE FOR**  
**ACCEPTING RESUMES:** October 31, 2022

**TITLE:** Assistant Manager to Senior Systems Architect (Unclassified)

**SALARY:** Commensurate with experience

**LOCATION:** Higher Education Student Assistance Authority  
Quakerbridge Plaza  
Trenton, NJ 08625

**DESCRIPTION:**

Under the supervision of the Senior Systems Architect (SSA) in the Information Services unit within the New Jersey Higher Education Student Assistance Authority (HESAA), the Assistant Manager to the SSA provides system architecture direction for HESAA's application systems and supporting infrastructure from development through deployment. As a senior member of the Information Services staff, this individual will work with systems programmers, system administrators, and application developers to define and implement the necessary architecture framework to support the Authority's business processes.

The individual's duties include: develop and define a technology framework needed to integrate databases, middleware and web technologies; monitor and tune web application servers such as WebSphere, web services and web emulation software in J2EE development environment; participate in architecture design, system design review, and implementation review activities to ensure technical staff and developers are meeting performance goals within the system architecture; assist in the development of enterprise databases, upgrades, migration, custom middleware, and integration of new software with HESAA's platform; and provide management and system consultation to application staff and developers on Java, XML, coding techniques, debugging techniques, production outage diagnostics, and performance improvement.

This individual will assist the SSA and Chief Information Officer in identifying cutting-edge technologies. Coordinates with the Authority's business units to identify business requirements, design, and implement business functions on a distributed environment for use by students, families, business partners, and staff via a secure portal. Replace or sunset business processes implemented in support of old technologies. Identify and upgrade the SSL/TLS/Ciphers protocols/algorithms in the Authority's web services to comply with NIST recommendations.

Analyze/resolve production issues with minimal downtime. Project planning/execution, managing the resources effectively from start to end of the Software Development Life Cycle.

This role may be eligible for the Telework Pilot Program (July 1, 2022 through June 30, 2023) consisting of up to two (2) days per calendar week after completing a four (4) month working test period following start date.

**REQUIREMENTS:**

**Education:** Graduation from an accredited college with a Bachelor's Degree in Computer Science or Engineering. Applicants who do not possess the required education may substitute additional experience as indicated on a year-for-year basis.

**Required Experience:** Five years of comprehensive experience in application development, system architecture and design, implementation, project management and production support. Minimum of 6 years distributed platform experience: J2EE, Java, C, JSP, XML, XSL, HTML, SQL Server, Access, and Windows. Strong experience in web technologies and middleware: WebSphere, JRun, IIS, JSP, Java Applets, RMI, EJB, JDBC, ODBC, custom API or middleware. Demonstrated experience in system analysis, architecture, design, system integration, and deployment. Experience in software evaluation and selection; integration of software products. Experience in knowledge transfer, training, and system documentation. Proven leadership qualities in team-oriented environment. Progressive thinking and pragmatic advocacy for new technologies. Excellent communication and presentation skills. Experience in Microsoft Project is preferred.

**Residency Requirement:** Pursuant to N.J.S.A. 52:14-7 (L. 2011, Chapter 70), also known as the "New Jersey First Act,:" which became effective September 1, 2011, all persons newly hired by the Executive Branch on or after that date shall have one year from the date of employment to establish, and then maintain, principal residence in the State of New Jersey.

**INTERESTED CANDIDATES SHOULD EMAIL A COVER LETTER (REFERRING TO POSITION TITLE) AND RESUME TO [HR@HESAA.ORG](mailto:HR@HESAA.ORG)**